# CELL POWER Reliable energy

# **Batteries & accessories**



# Cellpower

### More than a decade of reliable quality

More than 10 years ago, Cellpower was incorporated and from day one we have had one main objective - delivering reliable energy. A battery shouldn't be a cause of concern, it should just work.

That applies to more than just the battery, as any power system is only as reliable as its weakest link. Therefore Cellpower has spent the last years working on a broad spectrum of perfectly matched, reliable accessories. An end user can put a solid power system together, where every component is a reliable Cellpower product. Favourable warranty conditions endorse this quality.

These days Cellpower is one of the major players in the European battery market. Stringent quality checks and careful selection and testing of distributors contribute to that position. This process guarantees that end users can rely on a sound product.

# **Continuous innovation**

### **Because technology never stops**

During the decade that Cellpower has been active in the battery market, the range has been expanded and innovated enormously. For example, a number of battery series and their corresponding accessories have been added since we started in 2006.

Technology never stops and new developments succeed each other at exponential rates. Cellpower moves with the innovations without losing sight of quality. With continuous innovation and by constantly adding new products to the range, Cellpower is able to offer reliable products for increasingly diverse energy needs.





Cellpower's launch with the CP, CPL, CPH, CPC, CPG and CPS battery series



Cellpower range expanded with essential accessories for energy systems



Introduction of intelligent total solutions for topping up batteries in Euro 5/6 vans



Introduction of CLN Lithium NMC series. Unrivalled cyclic performance in compact housing

2006

Introduction of the CPX Extreme cyclic battery series and the CPW Watt Long life battery series Introduction of customised Lithium-Iron batteries with the Cellpower CLPL series Introduction of vibration resistant CPR battery series with a lifespan of up to 15 years Introduction of Lead-Carbon battery technology with the cyclic Cellpower CPXC series

**Today** 







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# The Cellpower quality guarantee

### **Cellpower Green Innovation**

Cellpower strives for a better environment. In order to achieve this, Cellpower imposes stringent requirements on the production methods in our factories. For example, all manufacturers are at least ISO 14001 and ISO 9001 certified and waste and residual materials are disposed of properly. In order to guarantee this quality, Cellpower itself inspects the assembly lines on a regular basis, paying attention to proper working conditions for staff too. To contribute to a better world, Cellpower sponsors projects in developing areas.

### **Quality control**

Cellpower understands that the quality of our products is crucial to the reliable operation of your application. Therefore Cellpower checks that all our products comply with high quality requirements. If they do not, they will not be delivered. It means that the user is certain to have a high quality product. For the warranty conditions, please visit www.cellpowerbatteries.com.





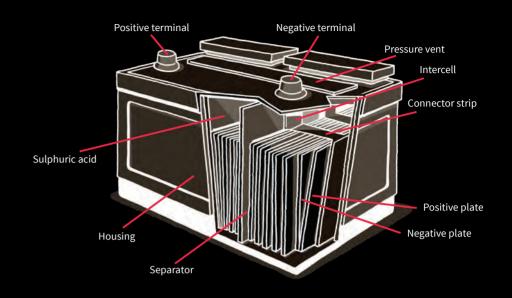




# **Battery technology**

### An appropriate set-up for every application

Cellpower batteries have common advantages; they do not leak, they do not require maintenance, they can be discharged in any position and have a low self-discharge. Cellpower batteries are available in five different chemical compositions - AGM, Gel, Lead-Carbon, Lithium NMC and Lithium Iron. They all have their own unique characteristics.





#### **AGM**

- + Low in purchase
- + High peak current
- + Relatively high capacity
- Relatively big
- Relatively heavy



#### Gel

- + Better resistant to deep discharge
- + Resistant to high temperatures
- + Shock resistant
- Relatively limited capacity
- Low peak current



### **Lithium NMC**

- + Very good cyclic performance (1800 cycles)
- + Compact and lightweight
- + Better resistant to extreme temperatures
- + Low costs over lifespan
- High in purchase



### **Lead-Carbon**

- + Excellent cyclic performance (3500 cycles)
- + Resistant to deep discharge
- + Relatively low in purchase
- + Suitable for fast charging
- Relatively limited capacity



### **Lithium Iron**

- + Extreme cyclic performance (6000 cycles)
- + Compact and lightweight
- + Better resistant to extreme temperatures
- + Low costs over lifespan
- High in purchase

### **Product colours**

The Cellpower rainbow represents the broad spectrum of products offered by Cellpower. Everything you need for a reliable battery system can be supplied by Cellpower. It means you are guaranteed to have a properly operating system, where all the parts are perfectly matched. The Cellpower product series each have their own colour to ensure you can see immediately which type of product you have.

### **General purpose battery series**

#### Red:

General-purpose battery series are recognised by the red colour on corresponding the sheets and/ data or the red print or sticker on the battery itself.



**CP** series

### **Stand-by battery series**

#### **Green:**

Battery series with a long lifespan are recognised by the green colour on the corresponding data sheets and/or the green print or sticker on the battery itself.





**CPL** series





**CPW** series

**CPF** series

**CPS** series

### **Cyclische battery series**

#### Blue:

series for Battery cyclic use are recognised by the blue colour on the corresponding data sheets and/or the blue print or sticker on the battery itself.



### **Standard Lithium battery series**

#### Orange:

Battery series with Lithium are recognised bv the orange colour on the corresponding data sheets.



**CPR** series



**CLN** series **CLPL** series

#### **Professional Custom-made Lithium**

#### Yellow:

Professional custom-Lithium made batteries are recognised by the orange colour on the corresponding data sheets.



### **Battery packs for emergency lighting**

#### Light green:

Battery packs for emergency lighting are recognised by the light green colour on the corresponding data sheets.



NiMH packs NiCd packs Lithium packs

### **Battery chargers**

### Light blue:

Battery chargers and their corresponding accessories are recognised by the light blue colour on the corresponding data sheets.









CCL series

#### **Accessories**

### **Purple:**

Accessories for batteries, battery chargers and battery systems are recognised by the purple colour on the corresponding data sheets.









Euro 5/6 separators solutions





Battery guards Battery monitors





Battery testers

And more...

# Cellpower cyclic battery series

When it comes to excellent cyclic performance, the Cellpower cyclic battery series are unbeatable. Whether they are used to drive a mobility scooter, in an off-grid power system or on an electric boat, Cellpower's batteries provide unrivalled reliability. Cellpower's cyclic batteries are available in five different technologies - AGM, Gel, Lead-Carbon, Lithium NMC and Lithium Iron. Each has its own unique properties, ensuring that there is a suitable cyclic Cellpower battery for almost every application.

### **Cyclic battery series**

|      | Technology   | Number of cycles | Capacity  | Peak discharge<br>current | Charge speed | Deep discharge | Self discharge* | Temperature resistance | Purchase price** | Total costs over lifespan*** |
|------|--------------|------------------|-----------|---------------------------|--------------|----------------|-----------------|------------------------|------------------|------------------------------|
| СРС  | AGM          | 600              | • •       | • • •                     | • •          | • •            | •               | •                      | ••••             | • •                          |
| СРХ  | AGM          | 800-1000         | • • • •   | • • • •                   | • • •        | • • •          | •               | •                      | • • • •          | • • •                        |
| CPG  | Gel          | 1000             | • •       | •                         | •            | • • • •        | • •             | • • •                  | • • •            | • • •                        |
| CPT  | AGM          | 1200             | • • •     | • • • •                   | • •          | • • • •        | • •             | •                      | • • •            | • • • •                      |
| CLN  | Lithium NMC  | 1800             | • • • • • | ••••                      | ••••         | ••••           | •••             | • • • •                | • •              | • • • •                      |
| СРХС | Lead-Carbon  | 3500             | • • •     | • • •                     | • • • •      | • • • •        | • •             | • • •                  | • • • •          | • • • •                      |
| CLPL | Lithium Iron | 6000             | • • • •   | • • • •                   | • • • •      | • • • •        | • • •           | • • • • •              | •                | • • • •                      |

<sup>\*:</sup> A higher score means lower self-discharge















| <b>CPC</b> (600 cycles) | <b>CPX</b> (800-1000 cycles) | <b>CPG</b><br>(1000 cycles) | <b>CPT</b><br>(1200 cycles) | <b>CLN</b><br>(1800 cycles) | <b>CPXC</b> (3500 cycles) | <b>CLPL</b><br>(6000 cycles) |
|-------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------|------------------------------|
| Page 11                 | Page 12                      | Page 13                     | Page 14                     | Page 15                     | Page 16                   | Page 17                      |

<sup>\*\*:</sup> A higher score means a lower purchase price

<sup>\*\*\*:</sup> A higher score means lower total costs over lifespan

# **Cellpower CPC series**

### **Cyclic AGM battery series (600 cycles)**

The Cellpower CPC series has been developed specifically for cyclic use. CPC batteries are ideal for use in applications where they are discharged and charged regularly and intensively. Examples of such applications include mobility scooters, electric wheelchairs and electric vehicles. Those types of applications demand powerful performances from the battery.

The travel range needs to maximised, whilst the power source has to remain compact and easy to install. A stable power output and durability are equally important, as is the opportunity to recharge the battery quickly - these are properties where the Cellpower CPC batteries score extremely high.

Years of continued development have turned the CPC series into one of the most commonly used and reliable cyclic AGM battery series in the market.

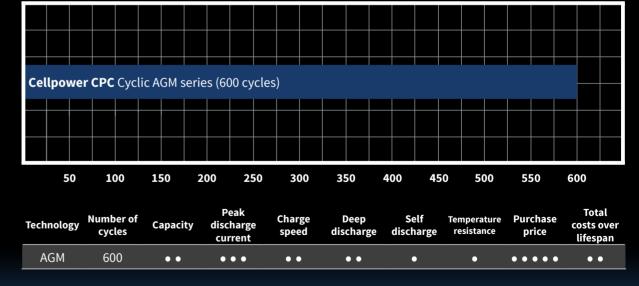
**Overview of CPC range on page 39** 



### Number of cycles Cellpower CPC Cyclic AGM battery series

Cyclic Series

12V, 110Ah



# **Cellpower CPX series**

Extreme cyclic AGM battery series (800-1000 cycles)

The Cellpower CPX series has been developed specifically for extreme cyclic use. Compared to other cyclic AGM batteries of similar dimensions, a Cellpower CPX battery achieves up to 30% more cycles. CPX batteries are extremely tough thanks to the most modern production technologies. This guarantees maximum reliability under the most challenging conditions.

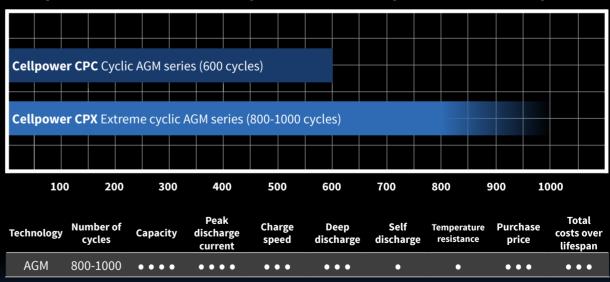
CPX batteries can be charged and discharged often and intensively, ensuring they are a suitable source of power for a broad range of applications. Due to their low self-discharge, Cellpower CPX batteries are particularly suitable for mobile applications that need to operate independently for longer periods of time.

The Cellpower CPX series is the best on the market of cyclic AGM batteries.

**Overview of CPX range on page 39** 



### Comparison of number of cycles between cyclic AGM battery series



# **Cellpower CPG series**

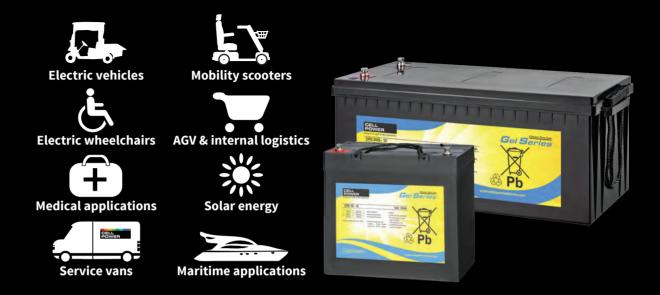
### **Cyclic Gel battery series (1000 cycles)**

The Cellpower CPG series uses Gel technology and has been designed specifically for extreme cyclic use under challenging conditions. The Gel technology ensures that a Cellpower CPG battery is better able to cope with overdischarges than AGM batteries.

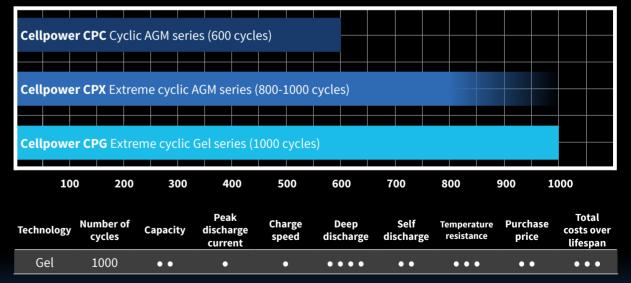
Like the other Cellpower battery series, CPG batteries do not leak and do not require any maintenance. It means they can be fitted in any position and do not need to be topped up from time to time.

CPG batteries are more resistant to higher temperatures than AGM batteries and they deal better with vibrations and impact. That makes them suitable for a wide range of applications that have to operate in wide-ranging conditions.

Overview of CPG range on page 39



### Comparison of number of cycles between cyclic AGM and Gel battery series



# **Cellpower CPT series**

### Cyclic AGM Traction battery series (1200 cycles)

Cellpower has the CPT series specifically for cyclic applications that use larger semi-traction batteries, such as cleaning machines or elevated work platforms. These heavy-duty batteries have been developed for heavy-duty cyclic applications where they are discharged on a regular basis.

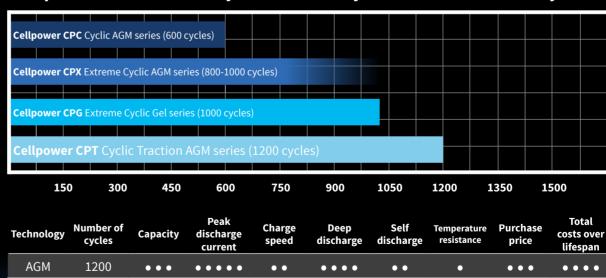
Like the other Cellpower battery series, the CPT batteries are completely closed and do not require maintenance. The housing has been designed to make it more convenient to fit the batteries into an application; they can be fitted from the top. The sturdy and vibration-resistant construction ensures that CPT batteries can take a knock, making them extremely suitable for mobile applications.

Cellpower offers 6 Volt models and one 12 Volt model for the CPT, offering users more options when choosing their battery pack.

**Overview of CPT range on page 40** 



### Comparison of number of cycles between cyclic AGM and Gel battery series



# **Cellpower CLN series**

### Cyclic Lithium battery series (1800 cycles)

The Cellpower CLN Lithium NMC series makes Lithium accessible. They have the same characteristics as Lithium-Iron batteries, but are much more economical.

The Lithium technology ensures that CLN batteries achieve up to 3 times more cycles than AGM battery models with a comparable performance and they are more resistant to interim charging. All that while only being half the size and weight. The Cellpower CLN series is able to provide powerful cyclic performances over longer periods without any noticeable loss of capacity.

The Cellpower CLN series has been tested under the most challenging conditions in order to guarantee maximum performance. With the high temperature resistance and solid housing, you can be certain that a CLN battery will continue to perform where other batteries would have stopped a long time ago.

Overview of CLN range on page 40



### Comparison of number of cycles between cyclic AGM, Gel and Lithium battery series



# **Cellpower CPXC series**

### Cyclic Lead-Carbon battery series (3500 cycles)

The Cellpower CPXC series is the latest innovation in cyclic battery technology. These batteries contain Lead-Carbon, giving them a number of advantages over 'regular' cyclic AGM Lead-Acid batteries.

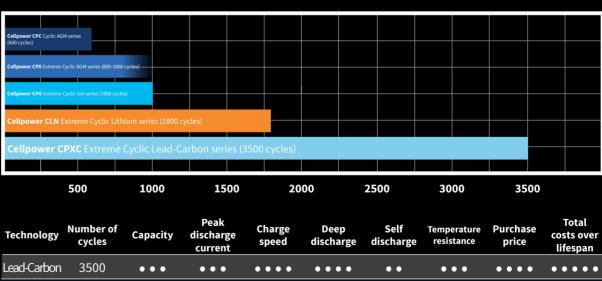
Thanks to the addition of advanced Lead-Carbon, the capacity will decrease less over time during use. As a result, Cellpower CPXC batteries are able to handle up to 4 times more cycles than regular cyclic AGM Lead-Acid batteries. In addition, thanks to the Lead-Carbon composition, CPXC batteries are better able to hold their charge and can be charged much faster than AGM Lead-Acid batteries.

Another advantage of CPXC batteries is that they perform better at very high or very low temperatures compared to AGM Lead-Acid batteries.

**Overview of CPXC range on page 40** 



### Comparison of number of cycles between cyclic AGM, Gel, Lithium NMC and Lead-Carbon battery series



# **Cellpower CLPL series**

### Cyclic Lithium battery series (6000 cycles)

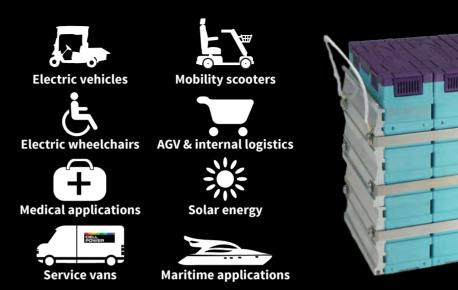
The Cellpower CLPL (Professional Line) is the Lithium Battery series that offers both standard battery blocks and customised modular batteries.

The standard battery blocks of the CLPL series use Lithium-Iron technology (LiFePO4). As a result, CLPL batteries offer extreme cyclic performance, are lightweight and compact in size. CLPL batteries are in the absolute top of cyclic batteries when it comes to performance and long-term reliability. CLPL batteries provide unrivalled performance.

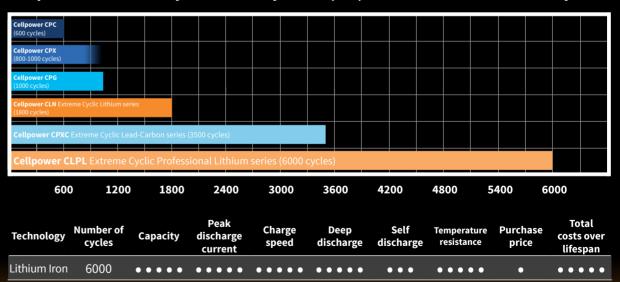
Modular CLPL batteries cannot only be assembled from battery cells with Lithium-Iron technology, but also with Lithium NMC or Lithium LTO. These all-in-one energy solutions are configured entirely according to the wishes and requirements of the end user and can therefore only be supplied on request.

### **Overview of CLPL range on page 40**

More information about custom made Lithium batteries on page 26



#### Comparison of number of cycles between cyclic AGM, Gel, Lead-Carbon and Lithium battery series



# Cellpower stand-by battery series

What happens if you have an unexpected power cut? These days many businesses depend on a proper emergency power supply. However, a back-up system is only as reliable as its weakest link. You can only guarantee continuity with a reliable battery solution. Cellpower standby battery series have been developed to provide reliable performances in the most challenging conditions over long periods of time.

### **Stand-by battery series**

|     | Technology | Design life | High discharge current | Vibration resistance | Temperature resistance | Purchase price* | Total costs over lifespan** |
|-----|------------|-------------|------------------------|----------------------|------------------------|-----------------|-----------------------------|
| СР  | AGM        | 3-5 years   | •                      | •                    | •                      | • • • •         | •                           |
| СРН | AGM        | 8-12 years  | • • • •                | • •                  | • • •                  | • • • •         | • • •                       |
| CPL | AGM        | 8-12 years  | • • •                  | • •                  | • • •                  | • • • •         | •••                         |
| CPW | AGM        | 8-12 years  | ••••                   | • •                  | • • •                  | • • •           | • • • •                     |
| CPF | AGM        | 10-12 years | • • •                  | • • •                | • • • •                | • • •           | • • • •                     |
| CPR | AGM        | 15 years    | ••••                   | • • • • •            | • • • •                | • •             | • • • •                     |
| CPS | AGM        | 20 years    | • • • •                | • • •                | • • • •                | • • •           | • • • •                     |

<sup>\*:</sup> A higher score means a lower purchase price















| <b>CP</b> (3-5 years) | <b>CPH</b><br>(8-12 years) | <b>CPL</b><br>(8-12 years) | <b>CPW</b><br>(8-12 years) | <b>CPF</b> (10-12 years) | <b>CPR</b><br>(15 years) | <b>CPS</b><br>(20 years) |
|-----------------------|----------------------------|----------------------------|----------------------------|--------------------------|--------------------------|--------------------------|
| Page 19               | Page 20                    | Page 21                    | Page 22                    | Page 23                  | Page 24                  | Page 25                  |

<sup>\*\*:</sup> A higher score means lower total costs over lifespan

# **Cellpower CP series**

### **Standard AGM battery series (3-5 years)**

The Cellpower CP General purpose series has been designed for use in a broad range of applications. Thanks to the all-round performance, CP batteries are able to supply reliable power under many different circumstances.

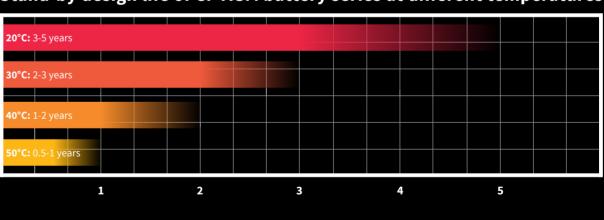
Many batteries from the CP series are VdS certified\*, ensuring they are suitable for application in security systems or control panels. VdS certification is generally compulsory for such systems.

Cellpower CP batteries are completely leak-free, can be discharged in any position and do not require any interim maintenance. The range of CP batteries varies considerably and comprises 6 and 12 Volt models, ensuring there is a suitable CP battery for every application.

### **Overview of CP range on page 40**



### Stand-by design life of CP AGM battery series at different temperatures



| Technology | Design life | High discharge<br>current | Vibration resistance | Temperature resistance | Purchase price | Total costs over<br>lifespan |
|------------|-------------|---------------------------|----------------------|------------------------|----------------|------------------------------|
| AGM        | 3-5 years   | •                         | •                    | •                      | • • • •        | •                            |

<sup>\*:</sup> See page 40 for VdS certified models

# **Cellpower CPH series**

### **High Rate battery series (8-12 years\*)**

The Cellpower CPH series has been designed specifically for applications that need a high power output over a short period of time. Compared to the Cellpower CP General series of AGM batteries, CPH batteries achieve up to 45% more Watt per cell.

The powerful performance of the Cellpower CPH series is the result of the most modern and optimised production processes and careful selection of the best materials. The result is a long design life of up to 12 years.

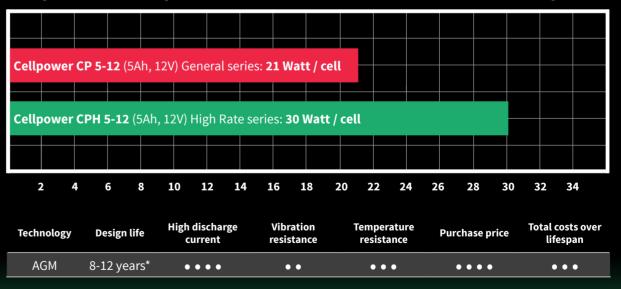
Typical applications for a CPH battery include UPS systems (emergency power supply), security systems, assembly robots and telecom systems. As batteries from the CPH series are able to provide a large amount of electricity in a short period of time, they are also suitable as a starter battery in mopeds or scooters.

### **Overview of CPH range on page 41**

\*: CPH 5-12 & CPH 6-12 have a design life of 3-5 years



### Comparison of Watt per cell between standard CP and CPH AGM battery series



# **Cellpower CPL series**

### Long life battery series (8-12 years)

The Cellpower CPL series has been designed specifically for long-term stand-by use, making CPL batteries extremely suitable for emergency power systems and UPS systems.

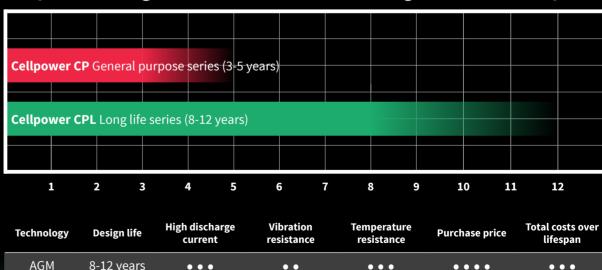
With a design life of up to 12 years, a system that consists of CPL batteries is always able to provide reliable energy. The Cellpower CPL battery series ensures that systems will stay up and running at times when there is a power cut in the normal electricity supply. It means your reliable service provision is never jeopardised.

Applications that require a reliable back-up over long periods of time, such as medical applications, security systems, data centres or telecom systems, all benefit from the solid qualities of the Cellpower CPL AGM battery series.

Overview of CPL range on page 41



### Comparison of design life between standard CP and Long life CPL AGM battery series



# **Cellpower CPW series**

### Long life High Rate battery series (8-12 years)

When it comes to reliability over long periods of time, there is no better choice than a Cellpower CPW battery. The CPW series has been developed specifically for emergency power systems. CPW batteries have a design life of up to 12 years, due to the latest production methods, a strict selection of materials and extremely low production tolerances.

Batteries from the CPW series have a higher energy density than other AGM batteries of comparable size and weight. A unique combination of powerful performance and a long lifespan. Furthermore, the series is subjected continuously to demanding tests to guarantee the best quality.

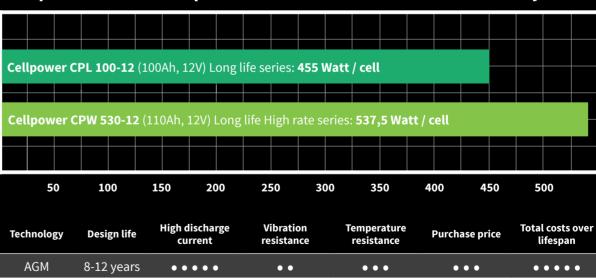
Cellpower offers a standard manufacturer's warranty of 3 years, which under certain circumstances this can be extended to 5 years\*. A firm confirmation of exceptional quality.

### **Overview of CPW range on page 41**

\*: Please ask your distributor about the conditions



### Comparison of Watts per cell between CPL and CPW battery series



# **Cellpower CPF series**

Long life Front Access battery series (10-12 years)

The Cellpower CPF Front Access series has been designed specifically to be fitted effortlessly into 19 and 23 inch racks. The terminals of the CPF batteries are fitted on the front, making them easy to access if any maintenance is required.

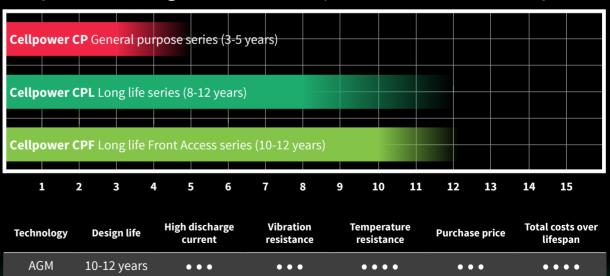
Cellpower CPF batteries offer a massive capacity in compact housing. With a design life of 10 - 12 years, these batteries guarantee a solid and reliable emergency power supply. These reliable properties are the main reason why Cellpower CPF batteries are used frequently for demanding and critical applications. Applications that require a reliable emergency or general power supply for long periods of time.

Examples of such applications include data centres, telecom systems, control rooms and security systems.

**Overview of CPF range on page 42** 



### Comparison of design life between CP, CPL and CPF AGM battery series



# **Cellpower CPR series**

### Long life battery series (15 years)

The Cellpower CPR series has been designed for use in the most challenging circumstances. With a design life of 15 years and a shock-resistant construction, the Cellpower CPR batteries are amongst the most solid AGM batteries available in the market today.

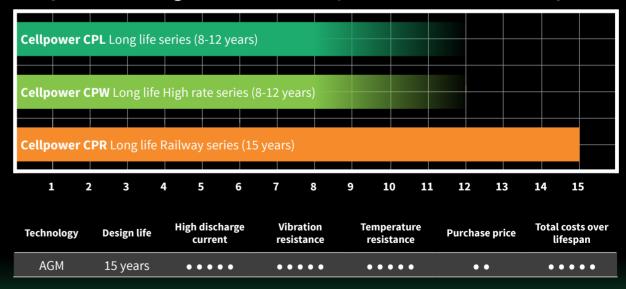
Due to their robust quality, the Cellpower CPR series received the official ProRail certification following a series of demanding and challenging tests. The stringent requirements of this certification underline the reliable qualities of the CPR battery series once more.

With its solid and shock-resistant construction, the Cellpower CPR series is suitable for applications near busy infrastructure, but its long lifespan and temperature-resistance also makes it suitable for emergency power, UPS systems and autonomous off-grid systems.

**Overview of CPR range on page 42** 



### Comparison of design life between CPL, CPW and CPR AGM battery series



# **Cellpower CPS series**

### **Long life Single Cell battery series (20 years)**

The Cellpower CPS Single Cell 2Volt series has been designed specifically for creating highcapacity battery systems. The CPS battery series is suitable for intensive use and provides an extremely stable power supply.

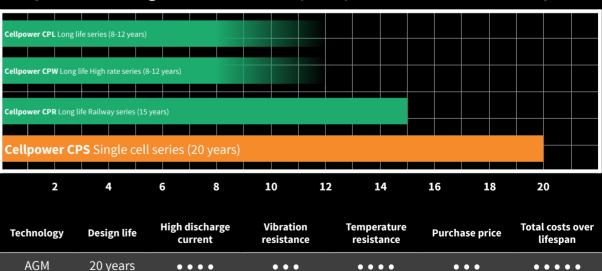
The CPS AGM batteries have a robust housing and with their terminals at the top they are easy to install and maintain. CPS batteries are built to last a long time, which is endorsed by an unrivalled design life of 20 years.

This combination of capacity and long lifespan means that CPS batteries are used particularly for difficult to access emergency power systems for the most demanding applications. Examples include oil rigs, large container vessels, telecom systems or autonomous off-grid power systems.

**Overview of CPS range on page 42** 



### Comparison of design life between CPL, CPW, CPR and CPS AGM battery series



# Cellpower Custom-made Lithium batteries

### Powerful performance, professional quality

More and more users are discovering the compelling benefits of a customised Lithium battery pack. Such batteries do not only seamlessly meet the energy requirements of their applications, but also offer extensive monitoring options, for example via CAN-bus.

These made-to-order Lithium batteries are resistant to extreme temperatures and are equipped with a BMS with a very low standby power consumption. By using modular Lithium battery cells, the customisation options are virtually endless. From a compact 3-Volt block to a 1000-Volt powerhouse.

Thanks to the excellent cyclic service life, robust construction and extensive technical support via selected Cellpower service partners, a custom Lithium battery pack is an investment in reliable and powerful quality that will more than pay for itself.

### **Examples**



100Ah 12V battery pack



300Ah 48V battery pack

### Available cell types

|             | Energy density | Number of cycles | Total costs over<br>lifespan* | Charge / discharge speed |
|-------------|----------------|------------------|-------------------------------|--------------------------|
| Lithium LFP | ••••           | ••••             | ••••                          | •••                      |
| Lithium NMC | ••••           | •••              | •••                           | •••                      |
| Lithium LTO | • •            | ••••             | ••••                          | ••••                     |

<sup>\*:</sup> A higher score means lower total costs over lifespan

## All-in-one solutions

### Take a look behind the scenes

#### **Complete documentation**

Every customised Cellpower Lithium battery has its own unique production code, warranty and service conditions, data sheets and certificates. This way you are assured of extensive technical service and support.

#### **Extensive communication**

CAN-bus, RS232, MOD-bus, WiFi, Bluetooth or another form of communication: it is all possible. This way, the battery can always be monitored so you will never be faced with unpleasant surprises.

#### **Active BMS monitoring**

The status of a Cellpower custom Lithium battery is constantly monitored by an active BMS (Battery Monitoring System). It monitors the quality of the battery and protects it against improper or unsafe use.

#### High-quality battery cells

It is possible to design a battery with Lithium LFP, NMC or LTO battery cells. Each with different strengths, but always with one common feature: safe and reliable quality for long-lasting, powerful performance.

#### **Durable housing**

Cellpower custom Lithium batteries can be fitted into an existing housing. If desired, a completely new custom high-quality housing can be produced.

# Cellpower Battery packs for emergency lighting

### Reliability when every second counts

During an emergency situation, only one thing counts: a swift and orderly evacuation. You should not have to worry about the reliability of the systems that ensure the evacuation process running smoothly. In such situations, Cellpower battery packs for emergency lighting offer quality you can rely on.

Battery packs for emergency lighting from Cellpower are available in three different chemical compositions: NiCd, NiMH and Lithium. Battery packs with NiCd or Lithium cells are always resistant to high temperatures thanks to the chemical composition. NiMH battery packs can optionally be supplied with temperature-resistant cells.

Cellpower offers a wide range of standard battery packs for emergency lighting, but can also deliver customised battery packs assembled from NiCd, NiMH or Lithium cells.

Overview of standard battery packs for emergency lighting on page 45



### Standard available NiCd, NiMH and Lithium cells

| AAA cell         | AA cell      | A cell | Sub-C cell       | C cell | 1/2D cell | D cell |
|------------------|--------------|--------|------------------|--------|-----------|--------|
| 44.5mm<br>10.5mm | 50mm<br>15mm | 50mm   | 42.5mm<br>22.5mm | 50mm   | 35mm      | 60mm   |

### Standard available connectors\*

| Model number | Drawing                                 | Side view | Front view | Type              |
|--------------|-----------------------------------------|-----------|------------|-------------------|
| N001         |                                         |           |            | Famostar          |
| N002         |                                         |           | 2 4        | Van Lien/Blessing |
| N003         | ======================================= |           | 99         | Faston            |
| N004         |                                         | -         | w w        | Ecolight          |
| N005         |                                         |           |            | Lighttronics      |

<sup>\*:</sup> Other connectors are available on request. Please consult you Cellpower distributor for the possibilities

# **Cellpower battery chargers**

If you want to make optimum use of a battery, you need the right accessories. It all starts with a proper battery charger. This guarantees the user that the battery is charged in the best possible way and guarantees a maximum lifespan. Cellpower has a range of intelligent battery chargers with charging programmes that are designed for charging Cellpower batteries. With the WDT (Wireless Diagnostic Tool) Cellpower also provides the option of reading the status and history of the battery charger and the connected battery.

### **Battery charger assortment**

|                          | Available for battery types       | Available charging currents | Available for battery capacities |
|--------------------------|-----------------------------------|-----------------------------|----------------------------------|
| 12 Volt battery chargers | AGM, Gel, Lead-Carbon and Lithium | 0.5A to 90A                 | 2Ah to 900Ah                     |
| 24 Volt battery chargers | AGM, Gel, Lead-Carbon and Lithium | 0.5A to 80A                 | 2Ah to 800Ah                     |
| 36 Volt battery chargers | AGM and Lead-Carbon               | 1.2A to 50A                 | 4.8Ah to 500Ah                   |
| 48 Volt battery chargers | AGM, Lead-Carbon and Lithium      | 5A to 40A                   | 20Ah to 400Ah                    |





| CCP & CCG battery chargers                   | CCL battery chargers                     |
|----------------------------------------------|------------------------------------------|
| Intelligent battery chargers for AGM and Gel | Intelligent battery chargers for Lithium |

Page 30 Page 31

**Cellpower CCP and CCG battery chargers** 

### For longer enjoyment of your battery

If you want to make optimum use of a battery you need the right battery charger. It is the first step towards obtaining maximum performance and lifespan from a battery. Cellpower offers a suitable charger for all of its own battery products.

Cellpower's battery chargers have been programmed with intelligent charging programmes that are designed for charging Cellpower batteries. It ensures that the connected battery is charged in the best possible way and will last longer.

Cellpower CCP chargers are suitable for AGM lead acid models; CCG chargers have been designed specifically for charging gel batteries from the Cellpower CPG series. The CCP and CCG chargers are available with different connectors, ensuring they can often be connected directly to the application without having to remove the battery.

Overview of CCP & CCG battery chargers on page 43



### Suitable for



# **Cellpower CCL Lithium battery chargers**

### A smart user opts for an intelligent charger

A Lithium battery requires special attention. The built-in electronics mean it cannot be connected to just any battery charger. The worst case scenario is permanent damage to your battery. Therefore Cellpower offers CCL battery chargers for its own Lithium battery series.

The intelligent charging programmes of these chargers are perfectly matched to the internal electronics of these batteries. You are guaranteed of optimum charging of the battery, without any damage to the built-in BMS (Battery Management System) or the battery itself.

Depending on the connected Lithium battery, Cellpower CCL battery chargers also support quick charging. It means your Lithium battery will be available for use quickly.



### Suitable for



**Cellpower CLN Cellpower CLPL** 

**Overview of CCL battery chargers on page 43** 

# **Cellpower accessories**

### The right battery is only the beginning

If you want to make optimum use of a battery you need the right accessories. Cellpower provides a broad range of accessories to monitor and retain the quality of the battery. All the accessories are manufactured in Europe and have the same high quality as the Cellpower battery series. You can create a reliable power system from Cellpower products from beginning to end. All Cellpower accessories have a low stand-by consumption.























| Battery<br>guards | Battery<br>monitors | Battery<br>alerts | Battery<br>equalizers | Battery separators | Euro 5/6<br>solutions | Insulation<br>guards | DC/DC<br>converters | Battery<br>testers | WDT     |
|-------------------|---------------------|-------------------|-----------------------|--------------------|-----------------------|----------------------|---------------------|--------------------|---------|
| Page 33           | Page 33             | Page 34           | Page 34               | Page 35            | Page 35               | Page 36              | Page 36             | Page 37            | Page 37 |

### **Cellpower battery guards**

### To prevent overdischarges







The deeper the discharge of a battery, the shorter its lifespan. This applies to both AGM lead batteries and gel batteries. Cellpower provides the solution for preventing overdischarge of a battery - the battery guard. The Cellpower battery guards ensure that the battery is switched off in time to prevent damage being caused by an overdischarge; they safeguard the maximum lifespan of the battery.

#### Often used for



**Service vans** 



Solar energy



Campers

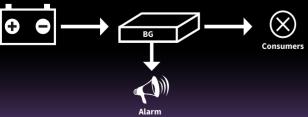


**Mobile energy systems** 



**Maritime applications** 

### **Wiring diagram**



### **Cellpower battery monitors**

### A vigilant eye over your battery







With a battery monitor you can read the status of the connected battery or batteries immediately. The user knows instantly whether the battery needs charging, but will also be able to quickly detect and replace a defective battery. It provides the user with convenient insight into quality and performance and prevents unpleasant surprises.

#### Often used for



**Service vans** 



Solar energy



**Campers** 



Mobile energy systems



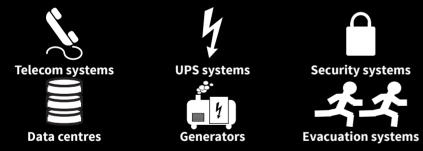
### **Cellpower battery alerts**

### No unpleasant surprises



With the battery alert, Cellpower provides a solution for preventing overdischarges of a battery. Cellpower battery alerts produce a signal as soon as the connected batteries are in danger of getting below the pre-set levels. It means the user can always intervene on time. The battery alert also has a start-stop programme for use in combination with generators and battery chargers.

### Often used for



### **Wiring diagram**



### Cellpower battery equalizers

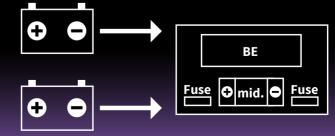
### For an equal discharge



When two 12 Volt batteries are connected in series and together produce 24 Volt, a voltage difference may arise between the batteries, particularly if there is a temperature difference between the two. The batteries would be charged and discharged unevenly and this could have a significant impact on their lifespan. An battery equalizer prevents this from happening. It ensures that both batteries are charged evenly and remain at an equal voltage after charging.

#### Often used for





### **Cellpower battery separators**

Both battery packs charged in the best possible way







Cellpower provides a battery separator specifically for vehicles with a second battery pack. It ensures that the charge voltage of the alternator is divided over the starter battery of the vehicle and the second battery pack. Intelligent programming ensures that the starter battery is given the highest priority. A Cellpower separator also prevents a battery from being overcharged by switching off the charging current on time.

#### Often used for



Service vans



**Campers** 



**Maritime applications** 

### Cellpower Euro 5/6 solutions

**Intelligent solutions for vans** 



Cellpower provides a range of power systems that can be used in Euro 5/6 certified vehicles. From individual components to all-in-one solutions. These systems can deal with the intelligent alternators that are incorporated in those vehicles. The starter battery of the vehicle and the secondary battery pack for tools are charged in the best possible way without being damaged.

#### Often used for







Campers



**Maritime applications** 

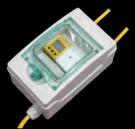
#### Wiring diagram





### **Cellpower insulation guards**

### Working safely on site



The Cellpower insulation monitor is an earth-leak safety device for vehicles such as service vehicles. As soon as tools are taken outside the vehicle, there is a chance of leakage current. The insulation guard has been designed to protect people who work with 230VAC equipment outside the vehicle; it can be used with DC/AC inverters, inverter/charger combinations and generators.

#### Often used for



### **Wiring diagram**



### **Cellpower DC/DC converters**

### Always the right voltage



Cellpower provides various DC/DC converters that are targeted to your application. It may be a permanent power system or one that is suitable for mobile applications. Cellpower provides all-in-one power solutions for Euro 5/6 certified vehicles. It means that you have a reliable power supply on site with batteries charged in the best possible way.

#### Often used for





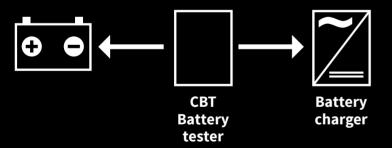
# **Cellpower battery testers**

#### To detect any defect



With the Cellpower CBT battery tester, no technical defect will remain hidden. With this capacity tester, which is suitable for AGM, Gel and Lithium batteries, a battery can easily be tested. The result will immediately make clear whether the battery is still performing well. With the CBT software, a comprehensive analysis of the battery performance can be done on your computer. The CBT is available in both 12V and 24V versions.

#### Wiring diagram



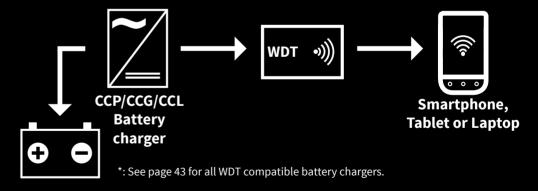
# **Cellpower WDT**

#### An essential wireless tool for any maintenance engineer



With this smart device, it is easy to read the status of the battery charger and the connected battery on the WDT app (only for Android) or WDT web page on a mobile device or laptop via a WiFi connection. It means the user knows immediately whether the battery and the charger are being used in the right way and incorrect use is detected. The Cellpower WDT works with WDT-compatible Cellpower CCP, CCG and CCL battery chargers\*.

#### Wiring diagram

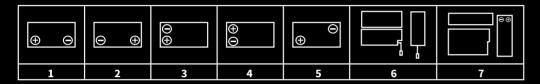


# **Assortment overview**

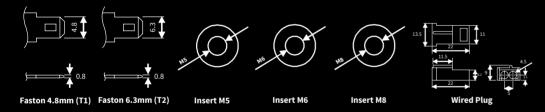
#### **Version march 2020**

You can find the complete overview of all the Cellpower products on the following pages. The most current product list, including a data sheet for every product, is always available at www.cellpowerbatteries.com. These data sheets contain more detailed information about the individual product. For questions about the Cellpower range, please contact your Cellpower distributor or contact us via sales@cellpowerbatteries.com.

#### Possible terminal configurations



#### **Possible terminal types**



#### **Possible housing materials**

| ABS UL94-HB              | ABS UL94-V0                  | Stee  |
|--------------------------|------------------------------|-------|
| Flame-retardant:         | Flame-resistant:             | Flam  |
| Slow burning of the test | The test product extinguish- | Steel |

product. Burning speed es itself within 10 seconds after removing the flame thickness of <3mm. and does not drip.

#### **Steel ACCS**

#### Flame-resistant: Steel housing with coating to prevent corrosion and to protect against external influences (Anti Corrosion Coated Steel).



## **Cellpower CPC Cyclic Battery series**

| Model       | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|-------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPC 225-6   | 6       | 225              | 243x187x276              | Insert M8        | 5                      | 33.00          | ABS (UL94-HB)       |
| CPC 9-12    | 12      | 9.0              | 151x65x100               | Faston 4.8mm     | 4                      | 2.80           | ABS (UL94-HB)       |
| CPC 10-12   | 12      | 10               | 151x65x118               | Faston 6.3mm     | 4                      | 3.30           | ABS (UL94-HB)       |
| CPC 12-12   | 12      | 12               | 151x98x98                | Faston 6.3mm     | 4                      | 3.90           | ABS (UL94-HB)       |
| CPC 18-12   | 12      | 18               | 181x76x167               | Insert M5        | 2                      | 6.08           | ABS (UL94-HB)       |
| CPC 24-12   | 12      | 24               | 175x166x125              | Insert M5        | 2                      | 9.30           | ABS (UL94-HB)       |
| CPC 33-12   | 12      | 33               | 197x131x170              | Insert M5        | 1                      | 10.50          | ABS (UL94-HB)       |
| CPC 38-12   | 12      | 38               | 198x166x171              | Insert M6        | 2                      | 13.30          | ABS (UL94-HB)       |
| CPC 38-12S  | 12      | 38               | 197x131x168              | Insert M6        | 1                      | 10.70          | ABS (UL94-HB)       |
| CPC 50-12   | 12      | 50               | 198x166x171              | Insert M6        | 2                      | 14.30          | ABS (UL94-HB)       |
| CPC 55-12   | 12      | 55               | 226x135x214              | Insert M6        | 1                      | 17.00          | ABS (UL94-HB)       |
| CPC 62-12   | 12      | 62               | 226x135x214              | Insert M6        | 1                      | 18.70          | ABS (UL94-HB)       |
| CPC 75-12LW | 12      | 75               | 260x170x207              | Insert M6        | 1                      | 24.40          | ABS (UL94-HB)       |
| CPC 80-12AJ | 12      | 80               | 353x174x190              | Automotive       | 1                      | 25.70          | ABS (UL94-HB)       |
| CPC 90-12   | 12      | 90               | 306x169x215              | Insert M6        | 2                      | 29.00          | ABS (UL94-HB)       |
| CPC 110-12  | 12      | 110              | 330x171x220              | Insert M8        | 1                      | 30.00          | ABS (UL94-HB)       |
| CPC 120-12  | 12      | 120              | 408x176x227              | Insert M8        | 1                      | 37.00          | ABS (UL94-HB)       |
| CPC 135-12  | 12      | 135              | 341x173x287              | Insert M8        | 1                      | 40.00          | ABS (UL94-HB)       |
| CPC 150-12  | 12      | 150              | 482x170x240              | Insert M8        | 1                      | 44.50          | ABS (UL94-HB)       |
| CPC 160-12  | 12      | 160              | 530x209x220              | Insert M8        | 3                      | 55.50          | ABS (UL94-HB)       |
| CPC 200-12  | 12      | 200              | 522x238x223              | Insert M8        | 3                      | 62.50          | ABS (UL94-HB)       |
| CPC 250-12  | 12      | 250              | 520x269x227              | Insert M8        | 3                      | 74.00          | ABS (UL94-HB)       |



# **Cellpower CPX Extreme Cyclic Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPX 20-12  | 12      | 20               | 181x76x166               | Insert M5        | 2                      | 6.45           | ABS (UL94-HB)       |
| CPX 26-12  | 12      | 26               | 175x166x125              | Insert M5        | 3                      | 9.60           | ABS (UL94-HB)       |
| CPX 33-12  | 12      | 33               | 195x129x168              | Insert M6        | 1                      | 11.50          | ABS (UL94-HB)       |
| CPX 45-12  | 12      | 45               | 199x166x170              | Insert M6        | 2                      | 13.90          | ABS (UL94-HB)       |
| CPX 50-12  | 12      | 50               | 197x165x171              | Insert M6        | 1                      | 16.50          | ABS (UL94-HB)       |
| CPX 60-12  | 12      | 60               | 260x168x183              | Insert M6        | 1                      | 20.50          | ABS (UL94-HB)       |
| CPX 63-12  | 12      | 63               | 275x171x188              | Insert M6        | 1                      | 20.70          | ABS (UL94-HB)       |
| CPX 75-12  | 12      | 75               | 261x166x171              | Insert M6        | 1                      | 19.70          | ABS (UL94-HB)       |
| CPX 80-12  | 12      | 80               | 260x168x215              | Insert M6        | 1                      | 25.50          | ABS (UL94-HB)       |
| CPX 100-12 | 12      | 100              | 261x169x216              | Insert M6        | 1                      | 26.20          | ABS (UL94-HB)       |
| CPX 115-12 | 12      | 115              | 330x172x220              | Insert M8        | 1                      | 32.50          | ABS (UL94-HB)       |
| CPX 125-12 | 12      | 125              | 331x172x215              | Insert M8        | 1                      | 32.70          | ABS (UL94-HB)       |

#### **Cellpower CPG Cyclic Gel Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPG 33-12  | 12      | 33               | 196x131x160              | Insert M6        | 1                      | 10.20          | ABS (UL94-HB)       |
| CPG 40-12  | 12      | 40               | 198x167x160              | Insert M6        | 1                      | 13.50          | ABS (UL94-HB)       |
| CPG 50-12  | 12      | 50               | 229x138x211              | Insert M6        | 1                      | 16.50          | ABS (UL94-HB)       |
| CPG 55-12  | 12      | 55               | 228x138x213              | Insert M6        | 1                      | 17.70          | ABS (UL94-HB)       |
| CPG 60-12  | 12      | 60               | 260x168x180              | Insert M6        | 1                      | 21.50          | ABS (UL94-HB)       |
| CPG 75-12  | 12      | 75               | 260x168x214              | Insert M6        | 1                      | 24.20          | ABS (UL94-HB)       |
| CPG 100-12 | 12      | 100              | 329x172x210              | Insert M6        | 1                      | 30.50          | ABS (UL94-HB)       |
| CPG 200-12 | 12      | 200              | 520x240x223              | Insert M8        | 3                      | 63.00          | ABS (UL94-HB)       |



#### **Cellpower CPT Cyclic Traction Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) |            | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|------------|------------------------|----------------|---------------------|
| CPT 200-6  | 6       | 200              | 260x180x274              | Automotive | 5                      | 30.0           | ABS (UL-94HB)       |
| CPT 288-6  | 6       | 288              | 295x180x366              | Automotive | 5                      | 48.9           | ABS (UL-94HB)       |
| CPT 215-12 | 12      | 215              | 386x180x367              | Automotive | 5                      | 66.5           | ABS (UL-94HB)       |

#### **Cellpower CLN Cyclic Lithium Battery series**

| Model     | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) |           | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|-----------|---------|------------------|--------------------------|-----------|------------------------|----------------|---------------------|
| CLN 40-24 | 24      | 40               | 198x166x179              | Insert M6 | 1                      | 11.0           | Steel (ACCS)        |
| CLN 60-24 | 24      | 60               | 260x170x213              | Insert M6 | 1                      | 16.0           | Steel (ACCS)        |
| CLN 70-24 | 24      | 70               | 330x171x221              | Insert M8 | 1                      | 18.6           | Steel (ACCS)        |

#### **Cellpower CPXC Cyclic Lead-Carbon Battery series**

| Model       | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|-------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPXC 500-2  | 2       | 500              | 167x205x470/493          | Insert M8        |                        | 41.0           | ABS (UL-94HB)       |
| CPXC 1000-2 | 2       | 1000             | 192x209x645/668          | Insert M8        |                        | 70.0           | ABS (UL-94HB)       |
| CPXC 1200-2 | 2       | 1200             | 234x209x645/668          | Insert M8        |                        | 89.0           | ABS (UL-94HB)       |
| CPXC 65-12  | 12      | 65               | 261x167x213              | Insert M6        | 1                      | 24.5           | ABS (UL-94HB)       |
| CPXC 80-12  | 12      | 80               | 331x171x221              | Insert M8        | 1                      | 30.5           | ABS (UL-94HB)       |
| CPXC 100-12 | 12      | 100              | 409x170x223              | Insert M8        | 1                      | 35.5           | ABS (UL-94HB)       |
| CPXC 120-12 | 12      | 120              | 481x169x239              | Insert M8        | 1                      | 41.0           | ABS (UL-94HB)       |
| CPXC 150-12 | 12      | 150              | 533x206x219              | Insert M8        | 3                      | 55.0           | ABS (UL-94HB)       |
| CPXC 170-12 | 12      | 170              | 523x238x224              | Insert M8        | 3                      | 63.0           | ABS (UL-94HB)       |
| CPXC 200-12 | 12      | 200              | 521x267x224              | Insert M8        | 3                      | 72.5           | ABS (UL-94HB)       |

<sup>\*:</sup> Please consult the data sheet on www.cellpowerbatteries.com



#### **Cellpower CLPL Cyclic Lithium Battery series\***

| Model       | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|-------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CLPL 20-12  | 12      | 20               | 72x168x152               |                  |                        | 2.80           | ABS (UL-94HB)       |
| CLPL 40-12  | 12      | 40               | 204x126x180              | **               | **                     | 5.80           | ABS (UL-94HB)       |
| CLPL 60-12  | 12      | 60               | 180x126x180              |                  |                        | 10.2           | ABS (UL-94HB)       |
| CLPL 100-12 | 12      | 100              | 260x125x234              | **               | **                     | 11.5           | ABS (UL-94HB)       |

<sup>\*:</sup> Other customised configurations are available on request. More information on pages 17 and 26 of this brochure, via sales@cellpowerbatteries.com, or ask your Cellpower distributor

#### **Cellpower CP General Purpose Battery series**

| Model       | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|-------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CP 1.2-6    | 6       | 1.2              | 97x24x58                 | Faston 4.8mm     | 1                      | 0.28           | ABS (UL94-HB)       |
| CP 3.2-6    | 6       | 3.2              | 134x35x67                | Faston 4.8mm     | 1                      | 0.60           | ABS (UL94-HB)       |
| CP 3.5-6    | 6       | 3.5              | 194x25x56                | Faston 4.8mm     | 1                      | 0.60           | ABS (UL94-HB)       |
| CP 4-6      | 6       | 4.0              | 70x47x107                | Faston 4.8mm     | 5                      | 0.68           | ABS (UL94-HB)       |
| CP 7-6      | 6       | 7.0              | 151x34x100               | Faston 4.8mm     | 1                      | 1.15           | ABS (UL94-HB)       |
| CP 12-6     | 6       | 12               | 151x50x100               | Faston 4.8mm     | 1                      | 1.80           | ABS (UL94-HB)       |
| CP 0.8-12   | 12      | 0.8              | 96x25x62                 | Wired plug       | 6                      | 0.40           | ABS (UL94-HB)       |
| CP 1.2-12 * | 12      | 1.2              | 97x43x58                 | Faston 4.8mm     | 1                      | 0.52           | ABS (UL94-HB)       |
| CP 2-12M    | 12      | 2.0              | 150x20x90                | Faston 4.8mm     | 7                      | 0.68           | ABS (UL94-HB)       |
| CP 2.2-12 * | 12      | 2.2              | 178x34x66                | Faston 4.8mm     | 1                      | 1.04           | ABS (UL94-HB)       |
| CP 2.9-12   | 12      | 2.9              | 79x56x105                | Faston 4.8mm     | 1                      | 1.05           | ABS (UL94-HB)       |
| CP 3.2-12 * | 12      | 3.2              | 134x67x67                | Faston 4.8mm     | 1                      | 1.30           | ABS (UL94-HB)       |
| CP 4.5-12   | 12      | 4.5              | 195x47x76                | Faston 4.8mm     | 1                      | 1.58           | ABS (UL94-HB)       |
| CP 7-12 *   | 12      | 7.0              | 151x65x102               | Faston 4.8mm     | 1                      | 2.20           | ABS (UL94-HB)       |
| CP 7-12L *  | 12      | 7.0              | 151x65x102               | Faston 6.3mm     | 1                      | 2.20           | ABS (UL94-HB)       |
| CP 12-12 *  | 12      | 12               | 151x98x98                | Faston 6.3mm     | 1                      | 4.02           | ABS (UL94-HB)       |
| CP 18-12I * | 12      | 18               | 181x76x167               | Insert M5        | 1                      | 5.60           | ABS (UL94-HB)       |
| CP 20-12B   | 12      | 20               | 181x76x167               | Flag Terminal M5 | **                     | 5.95           | ABS (UL94-HB)       |
| CP 26-12I * | 12      | 26               | 166x175x125              | Insert M5        | 1                      | 9.30           | ABS (UL94-HB)       |
| CP 40-12I * | 12      | 40               | 197x165x170              | Insert M6        | 1                      | 12.80          | ABS (UL94-HB)       |
| CP 65-12 *  | 12      | 65               | 350x167x179              | Insert M6        | 1                      | 20.80          | ABS (UL94-HB)       |

<sup>\*:</sup> VdS certified

<sup>\*\*:</sup> Please consult the data sheet on www.cellpowerbatteries.com

<sup>\*\*:</sup> Please consult the data sheet on www.cellpowerbatteries.com

## **Cellpower CPH High Rate Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type                     | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|--------------------------------------|------------------------|----------------|---------------------|
| CPH 5-12   | 12      | 5.0              | 90x70x107                | Faston 6.3mm                         | 1                      | 1.90           | ABS (UL94-HB)       |
| CPH 6-12   | 12      | 6.0              | 151x51x101               | Faston 6.3mm (+)<br>Faston 4.8mm (-) | 4                      | 2.00           | ABS (UL94-HB)       |
| CPH 55-12  | 12      | 55               | 229x138x213              | Insert M6                            | 1                      | 17.0           | ABS (UL94-HB)       |
| CPH 80-12  | 12      | 80               | 258x166x215              | Insert M6                            | 1                      | 24.5           | ABS (UL94-HB)       |
| CPH 95-12  | 12      | 95               | 306x170x225              | Insert M6                            | 1                      | 29.2           | ABS (UL94-HB)       |
| CPH 110-12 | 12      | 110              | 339x173x220              | Insert M8                            | 1                      | 31.5           | ABS (UL94-HB)       |
| CPH 140-12 | 12      | 140              | 341x173x283              | Insert M8                            | 1                      | 39.5           | ABS (UL94-HB)       |
| CPH 150-12 | 12      | 150              | 341x173x283              | Insert M8                            | 1                      | 41.0           | ABS (UL94-HB)       |

# **Cellpower CPL Long Life Battery series**

| Model       | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|-------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPL 9-12L   | 12      | 9.0              | 151x65x102               | Faston 6.3mm     | 1                      | 2.70           | ABS (UL94-HB)       |
| CPL 12-12   | 12      | 12               | 151x98x101               | Faston 6.3mm     | 4                      | 3.50           | ABS (UL94-HB)       |
| CPL 18-12   | 12      | 18               | 181x76x167               | Insert M5        | 2                      | 5.45           | ABS (UL94-HB)       |
| CPL 28-12I  | 12      | 28               | 168x178x124              | Insert M5        | 2                      | 8.40           | ABS (UL94-HB)       |
| CPL 28-12IA | 12      | 28               | 166x125x175              | Insert M5        | 2                      | 9.00           | ABS (UL94-HB)       |
| CPL 33-12   | 12      | 33               | 195x130x160              | Insert M6        | 1                      | 10.7           | ABS (UL94-HB)       |
| CPL 45-12I  | 12      | 45               | 198x167x157              | Insert M6        | 2                      | 13.8           | ABS (UL94-HB)       |
| CPL 55-12I  | 12      | 55               | 229x138x213              | Insert M6        | 1                      | 17.3           | ABS (UL94-HB)       |
| CPL 65-12IJ | 12      | 65               | 350x167x179              | Insert M6        | 1                      | 23.4           | ABS (UL94-HB)       |
| CPL 80-12   | 12      | 80               | 258x166x215              | Insert M6        | 1                      | 24.5           | ABS (UL94-HB)       |
| CPL 100-12  | 12      | 100              | 307x168x214              | Insert M6        | 1                      | 29.5           | ABS (UL94-HB)       |
| CPL 135-12  | 12      | 135              | 342x172x285              | Insert M8        | 1                      | 41.4           | ABS (UL94-HB)       |
| CPL 150-12  | 12      | 150              | 485x172x240              | Insert M8        | 1                      | 47.0           | ABS (UL94-HB)       |
| CPL 250-12  | 12      | 250              | 521x269x220              | Insert M8        | 3                      | 78.0           | ABS (UL94-HB)       |





## **Cellpower CPW Long Life High Rate Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPW 30-12  | 12      | 5.0              | 90x70x106                | Faston 6.3mm     | 1                      | 1.80           | ABS (UL94-HB)       |
| CPW 35-12  | 12      | 7.0              | 151x65x98                | Faston 4.8mm     | 4                      | 2.20           | ABS (UL94-HB)       |
| CPW 35-12L | 12      | 7.0              | 151x65x98                | Faston 6.3mm     | 4                      | 2.20           | ABS (UL94-HB)       |
| CPW 50-12  | 12      | 8.5              | 151x65x100               | Faston 6.3mm     | 4                      | 2.75           | ABS (UL94-HB)       |
| CPW 80-12  | 12      | 13               | 151x98x98                | Faston 6.3mm     | 4                      | 4.20           | ABS (UL94-HB)       |
| CPW 110-12 | 12      | 21               | 181x76x166               | Insert M5        | 2                      | 6.50           | ABS (UL94-HB)       |
| CPW 140-12 | 12      | 28               | 165x125x175              | Insert M5        | 2                      | 9.60           | ABS (UL94-HB)       |
| CPW 160-12 | 12      | 33               | 195x129x168              | Insert M6        | 1                      | 11.3           | ABS (UL94-HB)       |
| CPW 200-12 | 12      | 40               | 197x165x171              | Insert M6        | 2                      | 14.3           | ABS (UL94-HB)       |
| CPW 270-12 | 12      | 55               | 228x139x207              | Insert M6        | 1                      | 17.8           | ABS (UL94-HB)       |
| CPW 390-12 | 12      | 80               | 261x173x207              | Insert M6        | 1                      | 26.0           | ABS (UL94-HB)       |
| CPW 440-12 | 12      | 90               | 261x173x207              | Insert M6        | 1                      | 26.4           | ABS (UL94-HB)       |
| CPW 530-12 | 12      | 110              | 330x173x218              | Insert M6        | 1                      | 34.3           | ABS (UL94-HB)       |
| CPW 650-12 | 12      | 135              | 344x173x277              | Insert M8        | 1                      | 41.1           | ABS (UL94-HB)       |
| CPW 750-12 | 12      | 155              | 344x173x277              | Insert M8        | 1                      | 45.5           | ABS (UL94-HB)       |



## **Cellpower CPR Railway Battery series**

| Voltage | Capacity<br>(Ah)                                                                | Dimensions<br>lxwxh (mm) | Terminal<br>type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Terminal configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Weight<br>(kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Housing<br>material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|---------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12      | 3.3                                                                             | 134x67x66                | Faston 4.8mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 7.0                                                                             | 151x65x98                | Faston 4.8mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 7.5                                                                             | 151x65x100               | Faston 4.8mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 12                                                                              | 151x98x98                | Faston 6.3mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 20                                                                              | 181x76x166               | Insert M5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 28                                                                              | 166x175x125              | Insert M5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 33                                                                              | 195x129x168              | Insert M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 11.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 40                                                                              | 197x165x171              | Insert M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 65                                                                              | 350x166x174              | Insert M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 22.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 80                                                                              | 260x168x215              | Insert M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 95                                                                              | 329x172x218              | Insert M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 33.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 110                                                                             | 407x173x239              | Insert M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 40.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 150                                                                             | 483x171x240              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 51.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12      | 210                                                                             | 522x240x220              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 73.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6       | 170                                                                             | 260x171x244              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 29.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 200                                                                             | 173x111x357              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 300                                                                             | 171x151x358              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 21.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 400                                                                             | 211x176x357              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 31.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 500                                                                             | 241x172x359              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 36.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 600                                                                             | 301x175x359              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 46.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 800                                                                             | 410x175x358              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 63.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 1000                                                                            | 475x175x358              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 72.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 1500                                                                            | 400x350x369              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 128.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 2000                                                                            | 490x350x371              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 153.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2       | 3000                                                                            | 710x353x369              | Insert M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 215.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ABS (UL94-V0)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|         | 12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>12<br>1 | Voltage (Ah)  12         | Voltage         (Ah)         lxwxh (mm)           12         3.3         134x67x66           12         7.0         151x65x98           12         7.5         151x65x100           12         12         151x98x98           12         20         181x76x166           12         28         166x175x125           12         33         195x129x168           12         40         197x165x171           12         65         350x166x174           12         80         260x168x215           12         95         329x172x218           12         10         407x173x239           12         150         483x171x240           12         210         522x240x220           6         170         260x171x244           2         200         173x111x357           2         300         171x151x358           2         400         211x176x357           2         500         241x172x359           2         600         301x175x358           2         1000         475x175x358           2         1500         400x350x369 | Voltage         (Ah)         lxwxh (mm)         type           12         3.3         134x67x66         Faston 4.8mm           12         7.0         151x65x98         Faston 4.8mm           12         7.5         151x65x100         Faston 4.8mm           12         12         151x98x98         Faston 6.3mm           12         20         181x76x166         Insert M5           12         28         166x175x125         Insert M5           12         33         195x129x168         Insert M6           12         40         197x165x171         Insert M6           12         40         197x165x171         Insert M6           12         40         197x165x171         Insert M6           12         80         260x168x215         Insert M6           12         95         329x172x218         Insert M6           12         95         329x172x218         Insert M6           12         110         407x173x239         Insert M8           12         150         483x171x240         Insert M8           12         210         522x240x220         Insert M8           2         200         173x111x357 | Voltage         (Ah)         Lxwxh (mm)         type         configuration           12         3.3         134x67x66         Faston 4.8mm         3           12         7.0         151x65x98         Faston 4.8mm         4           12         7.5         151x65x100         Faston 4.8mm         4           12         12         151x98x98         Faston 6.3mm         4           12         20         181x76x166         Insert M5         2           12         28         166x175x125         Insert M5         2           12         33         195x129x168         Insert M6         1           12         40         197x165x171         Insert M6         2           12         40         197x165x171         Insert M6         2           12         80         260x168x215         Insert M6         2           12         80         260x168x215         Insert M6         2           12         95         329x172x218         Insert M6         2           12         10         407x173x239         Insert M8         1           12         150         483x171x240         Insert M8         5 | Voltage         (Ah)         lxwxh (mm)         type         configuration         (kg)           12         3.3         134x67x66         Faston 4.8mm         3         1.35           12         7.0         151x65x98         Faston 4.8mm         4         2.60           12         7.5         151x65x100         Faston 4.8mm         4         2.70           12         12         151x98x98         Faston 6.3mm         4         4.10           12         20         181x76x166         Insert M5         2         6.40           12         28         166x175x125         Insert M5         2         9.70           12         33         195x129x168         Insert M6         1         11.5           12         40         197x165x171         Insert M6         2         14.6           12         40         197x165x171         Insert M6         2         22.7           12         80         260x168x215         Insert M6         2         22.7           12         80         260x168x215         Insert M6         2         33.2           12         110         407x173x239         Insert M8         1         51.8     < |

<sup>\*:</sup> Please consult the data sheet on www.cellpowerbatteries.com



#### **Cellpower CPF Front Access Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPF 50-12  | 12      | 50               | 277x106x243              | Insert M6        | 3                      | 17.3           | ABS (UL94-V0)       |
| CPF 105-12 | 12      | 105              | 395x110x293              | Insert M8        | 3                      | 35.0           | ABS (UL94-V0)       |
| CPF 140-12 | 12      | 140              | 552x110x295              | Insert M8        | 3                      | 49.0           | ABS (UL94-V0)       |
| CPF 180-12 | 12      | 180              | 546x125x323              | Insert M8        | 3                      | 58.5           | ABS (UL94-V0)       |

#### **Cellpower CPS Single Cell Battery series**

| Model      | Voltage | Capacity<br>(Ah) | Dimensions<br>lxwxh (mm) | Terminal<br>type | Terminal configuration | Weight<br>(kg) | Housing<br>material |
|------------|---------|------------------|--------------------------|------------------|------------------------|----------------|---------------------|
| CPS 200-2  | 2       | 200              | 173x111x329/364          | Insert M8        |                        | 14.2           | ABS (UL94-V0)       |
| CPS 300-2  | 2       | 300              | 171x151x330/364          | Insert M8        |                        | 20.0           | ABS (UL94-V0)       |
| CPS 400-2  | 2       | 400              | 211x176x329/367          | Insert M8        |                        | 28.0           | ABS (UL94-V0)       |
| CPS 500-2  | 2       | 500              | 241x173x330/365          | Insert M8        |                        | 33.0           | ABS (UL94-V0)       |
| CPS 600-2  | 2       | 600              | 302x175x331/367          | Insert M8        |                        | 40.0           | ABS (UL94-V0)       |
| CPS 1000-2 | 2       | 1000             | 475x175x340/367          | Insert M8        |                        | 66.5           | ABS (UL94-V0)       |
| CPS 1500-2 | 2       | 1500             | 400x350x367/382          | Insert M8        |                        | 100.0          | ABS (UL94-V0)       |
| CPS 2000-2 | 2       | 2000             | 490x350x367/382          | Insert M8        | *                      | 132.0          | ABS (UL94-V0)       |
| CPS 3000-2 | 2       | 3000             | 710x350x367/382          | Insert M8        |                        | 210.0          | ABS (UL94-V0)       |

<sup>\*:</sup> Please consult the data sheet on www.cellpowerbatteries.com



## **Cellpower CCP AGM Battery chargers**

| Model        | Voltage            | Current<br>(A) | Suitable for battery capacities | Dimensions<br>lxwxh (mm) |
|--------------|--------------------|----------------|---------------------------------|--------------------------|
| CCP 12-0.5   | Output: 12VDC nom. | 0.5            | 2Ah - 5Ah                       | 90x60x30                 |
| CCP 12-1     | Output: 12VDC nom. | 1.0            | 4Ah - 10Ah                      | 106x50x30                |
| CCP 12-1.5   | Output: 12VDC nom. | 1.5            | 6Ah - 15Ah                      | 106x50x30                |
| CCP 12-2     | Output: 12VDC nom. | 2.0            | 8Ah - 20Ah                      | 120x67x41                |
| CCP 12-2.7   | Output: 12VDC nom. | 2.7            | 10.8Ah - 27Ah                   | 120x60x38                |
| CCP 12-3     | Output: 12VDC nom. | 3.0            | 12Ah - 30Ah                     | 120x67x41                |
| CCP 12-6 *   | Output: 12VDC nom. | 6.0            | 24Ah - 60Ah                     | 210x175x65               |
| CCP 12-10 *  | Output: 12VDC nom. | 10.0           | 40Ah - 100Ah                    | 210x175x65               |
| CCP 12-16 *  | Output: 12VDC nom. | 16.0           | 64Ah - 160Ah                    | 210x175x65               |
| CCP 12-20 *  | Output: 12VDC nom. | 20.0           | 80Ah - 200Ah                    | 210x175x65               |
| CCP 24-0.5   | Output: 24VDC nom. | 0.5            | 2Ah - 5Ah                       | 90x30x60                 |
| CCP 24-0.5I  | Output: 24VDC nom. | 0.5            | 2Ah - 5Ah                       | 90x30x60                 |
| CCP 24-1     | Output: 24VDC nom. | 1.0            | 4Ah - 10Ah                      | 116x57x38                |
| CCP 24-1.5   | Output: 24VDC nom. | 1.5            | 6Ah - 15Ah                      | 116x57x38                |
| CCP 24-2     | Output: 24VDC nom. | 2.0            | 8Ah - 20Ah                      | 120x60x38                |
| CCP 24-5     | Output: 24VDC nom. | 5.0            | 20Ah - 50Ah                     | 164x78x45                |
| CCP 24-6 *   | Output: 24VDC nom. | 6.0            | 24Ah - 60Ah                     | 210x175x65               |
| CCP 24-8 *   | Output: 24VDC nom. | 8.0            | 32Ah - 80Ah                     | 210x175x65               |
| CCP 24-10 *  | Output: 24VDC nom. | 10.0           | 40Ah - 100Ah                    | 210x175x65               |
| CCP 24-12 *  | Output: 24VDC nom. | 12.0           | 48Ah - 120Ah                    | 210x175x65               |
| CCP 24-12S * | Output: 24VDC nom. | 12.0           | 48Ah - 120Ah                    | 210x175x65               |
| CCP 36-1.2   | Output: 36VDC nom. | 1.2            | 4.8Ah - 12Ah                    | 153x63x45                |
| CCP 36-5     | Output: 36VDC nom. | 5.0            | 20Ah - 50Ah                     | 160x105x60               |
| CCP 48-5     | Output: 48VDC nom. | 5.0            | 20Ah - 50Ah                     | 184x96x50                |
| CCP 48-5B    | Output: 48VDC nom. | 5.0            | 20Ah - 50Ah                     | 180x90x63                |



## Cellpower CCG Gel Battery chargers

| Model       | Voltage            | Current<br>(A) | Suitable for battery capacities | Dimensions<br>lxwxh (mm) |
|-------------|--------------------|----------------|---------------------------------|--------------------------|
| CCG 12-10 * | Output: 12VDC nom. | 10.0           | 40Ah - 100Ah                    | 210x175x65               |
| CCG 12-20 * | Output: 12VDC nom. | 20.0           | 80Ah - 200Ah                    | 210x175x65               |
| CCG 24-6 *  | Output: 24VDC nom. | 6.0            | 24Ah - 60Ah                     | 210x175x65               |
| CCG 24-8 *  | Output: 24VDC nom. | 8.0            | 32Ah - 80Ah                     | 210x175x65               |
| CCG 24-10 * | Output: 24VDC nom. | 10.0           | 40Ah - 100Ah                    | 210x175x65               |
| CCG 24-12 * | Output: 24VDC nom. | 12.0           | 48Ah - 120Ah                    | 210x175x65               |

<sup>\*:</sup> WDT compatible

#### **Cellpower CCL Lithium Battery chargers**

| Model       | Voltage            | Current<br>(A) | Suitable for battery capacities | Dimensions<br>lxwxh (mm) |
|-------------|--------------------|----------------|---------------------------------|--------------------------|
| CCL 12-10 * | Output: 12VDC nom. | 10.0           | 40Ah - 100Ah                    | 210x175x65               |
| CCL 12-20 * | Output: 12VDC nom. | 20.0           | 80Ah - 200Ah                    | 210x175x65               |
| CCL 24-6 *  | Output: 24VDC nom. | 6.0            | 24Ah - 60Ah                     | 210x175x65               |
| CCL 24-8 *  | Output: 24VDC nom. | 8.0            | 32Ah - 80Ah                     | 210x175x65               |
| CCL 24-12 * | Output: 24VDC nom. | 12.0           | 48Ah - 120Ah                    | 210x175x65               |

<sup>\*:</sup> WDT compatible

#### **Cellpower Battery testers**

| Model     | Package contents                                     | Dimensions<br>lxwxh (mm) |
|-----------|------------------------------------------------------|--------------------------|
| CBT 25-12 | CBT 12V Battery tester including clamps, user manual | 200x140x190              |
| CBT 25-24 | CBT 24V Battery tester including clamps, user manual | 200x140x190              |

#### **Cellpower Wireless Diagnostic Tool**

| Model | Package contents                                             | Dimensions<br>lxwxh (mm) |
|-------|--------------------------------------------------------------|--------------------------|
| WDT   | WDT, USB charging cable, CC charger connection cable, manual | 92x80x25                 |

## **Cellpower Battery guards**

| Model   | Voltage   | Current (A) | Dimensions<br>lxwxh (mm) | IP classification |
|---------|-----------|-------------|--------------------------|-------------------|
| BG 10   | 12V - 24V | 10          | 60x25x5                  | -                 |
| BG 18   | 12V - 24V | 18          | 60x25x5                  |                   |
| BG 40   | 12V - 24V | 40          | 81x64x41                 | IP65              |
| BG 60   | 12V - 24V | 60          | 81x64x41                 | IP65              |
| BG 100  | 12V - 24V | 100         | 120x110x60               | IP65              |
| BG 200  | 12V - 24V | 200         | 120x110x60               | IP65              |
| BGB 100 | 48V       | 100         | 120x82x57                |                   |

# **Cellpower Battery monitors**

| Model     | Suitable for                     | Voltage      | Screen           | Dimensions<br>lxwxh (mm) |
|-----------|----------------------------------|--------------|------------------|--------------------------|
| BW 01     | AGM, Gel & Lead-Carbon batteries | In: 7 - 32V  | No               | 65x65x25                 |
| BW 03R    | AGM, Gel & Lead-Carbon batteries | In: 6 - 31V  | Yes, red (LED)   | 60x60x20                 |
| BW 03G    | AGM, Gel & Lead-Carbon batteries | In: 6 - 31V  | Yes, green (LED) | 60x60x20                 |
| CBWL 24   | Lithium NMC batteries            | In: 24V      | No               | 46x27x13                 |
| CBWL 2 24 | Lithium NMC batteries            | In: 24V      | Yes, green (LCD) | 56x56x65                 |
| PM 04-03  | AGM, Gel & Lead-Carbon batteries | In: 20 - 60V | No               | 100x90x35                |

#### **Cellpower Battery alerts**

| Model     | Voltage    | Max. current (A) | Dimensions<br>Øxh (mm) |
|-----------|------------|------------------|------------------------|
| BA 12-24V | 12 / 24VDC | 1.0              | 45x20                  |

## **Cellpower Equalizers**

| Model   | Voltage  | Max. current (A) | Dimensions<br>lxwxh (mm) |
|---------|----------|------------------|--------------------------|
| BE 24-1 | 2x 12VDC | 2.5              | 100x90x35                |

# **Cellpower Separators**

| Model         | Voltage | Max. current (A) | Dimensions<br>lxwxh (mm) | IP classification |
|---------------|---------|------------------|--------------------------|-------------------|
| BS 100-12\24  | 12V/24V | 100              | 46x46x80                 |                   |
| BS 140-12\24  | 12V/24V | 140              | 46x46x80                 |                   |
| BSW 160-12\24 | 12V/24V | 160              | 108x72x58                | IP65              |
| BS 500-12\24  | 12V/24V | 500              | 80x70x72                 |                   |
| BSW 500-12\24 | 12V/24V | 500              | 80x70x72                 | IP65              |

# Cellpower DC/DC Converters

|              |                         |             | Dimensions |
|--------------|-------------------------|-------------|------------|
| Model        | Voltage                 | Current (A) | lxwxh (mm) |
| SMC 05       | In: 18-35V, out: 13.8V  | 5.5         | 68x88x49   |
| SMC 05 I     | In: 18-35V, out: 13.8V  | 5.5         | 68x88x49   |
| SMC 08       | In: 18-35V, out: 13.8V  | 8.0         | 98x88x49   |
| SMC 12       | In: 20-35V, out: 13.8V  | 12          | 98x88x49   |
| SMC 20       | In: 20-35V, out: 13.8V  | 20          | 126x88x49  |
| SMC 30       | In: 20-35V, out: 13.8V  | 30          | 151x88x49  |
| SMC 60       | In: 20-35V, out: 13.8V  | 60          | 180x100x88 |
| SMG 1209-100 | In: 9-18V, out: 9V      | 8.0         | 151x88x50  |
| SMG 1212-100 | In: 9-18V, out: 12.5V   | 8.0         | 151x88x50  |
| SMG 1212-200 | In: 9-18V, out: 12.5V   | 15          | 175x88x50  |
| SMG 1212-360 | In: 9-18V, out: 12.5V   | 25          | 190x133x83 |
| SMG 1224-100 | In: 9-18V, out: 24V     | 4.0         | 151x88x50  |
| SMG 1224-200 | In: 9-18V, out: 24V     | 7.5         | 175x88x50  |
| SMG 1224-360 | In: 9-18V, out: 24V     | 12.5        | 190x133x83 |
| SMG 2412-100 | In: 20-35V, out: 12.5V  | 8.0         | 151x88x50  |
| SMG 2412-200 | In: 20-35V, out: 12.5V  | 15.0        | 175x88x50  |
| SMG 2412-360 | In: 20-35V, out: 12.5V  | 25.0        | 190x133x83 |
| SMG 2424-100 | In: 20-35V, out: 24V    | 4.0         | 151x88x50  |
| SMG 2424-200 | In: 20-35V, out: 24V    | 7.5         | 175x88x50  |
| SMG 2424-360 | In: 20-35V, out: 24V    | 12.5        | 190x133x83 |
| SMG 2448-100 | In: 20-35V, out: 48V    | 2.0         | 151x88x50  |
| SMG 2448-360 | In: 20-35V, out: 48V    | 12.5        | 190x133x83 |
| SMG 4812-100 | In: 30-60V, out: 12.5V  | 8.0         | 151x88x50  |
| SMG 4812-200 | In: 30-60V, out: 12.5V  | 15          | 175x88x50  |
| SMG 4812-360 | In: 30-60V, out: 12.5V  | 25          | 190x133x83 |
| SMG 4824-100 | In: 30-60V, out: 24V    | 4.0         | 151x88x50  |
| SMG 4824-200 | In: 30-60V, out: 24V    | 7.5         | 175x88x50  |
| SMG 4824-360 | In: 30-60V, out: 24V    | 12.5        | 190x133x83 |
| SMG 7212-100 | In: 60-120V, out: 12.5V | 8.0         | 151x88x50  |
| SMG 7212-200 | In: 60-120V, out: 12.5V | 15          | 182x88x49  |
| SMG 7212-360 | In: 60-120V, out: 12.5V | 25          | 160x163x64 |
| SMG 7224-100 | In: 60-120V, out: 24V   | 4.0         | 152x88x49  |
| SMG 7224-200 | In: 60-120V, out: 24V   | 7.5         | 182x88x49  |
| SMG 7224-360 | In: 60-120V, out: 24V   | 12.5        | 160x163x64 |
| SMGC 1212-07 | In: 9-18V               | 7.0         | 152x88x49  |
| SMUC 0612 7  | In: 5-7V, out: 12V      | 7.0         | 152x88x49  |
| SMUC 1224 10 | In: 10-16V, out: 24V    | 10          | 152x88x49  |
| SMUC 1224 7  | In: 10-16V, out: 24V    | 7.0         | 152x88x49  |

# Cellpower Euro 5/6 solutions

| Model         | Voltage               | Max. current<br>(A) | Dimensions<br>lxwxh (mm) | Product type                | Motion<br>detection |
|---------------|-----------------------|---------------------|--------------------------|-----------------------------|---------------------|
| BSM 140       | 12V/24V               | 140                 | 46x46x90                 | Separator                   | Yes                 |
| SMUCM 1250    | In: 9-18V, out: 14.4V | 50                  | 64x335x163               | DC/DC converter             | Yes                 |
| SMUCM 2450    | In: 9-32V, out: 28.8V | 50                  | 64x335x163               | DC/DC converter             | Yes                 |
| Smartbank 12V | 12V                   | 200                 | 91x50x39                 | Intelligent DC/DC converter | Yes*                |
| Smartbank 24V | 24V                   | 200                 | 91x50x39                 | Intelligent DC/DC converter | Yes*                |
| SLV 1207      | In: 9-18V, out: 14.6V | 7.0                 | 182x88x49                | DC/DC charger               | No                  |
| SLV 1214      | In: 9-18V, out: 14.6V | 14                  | 182x88x49                | DC/DC charger               | No                  |
| SLV 1218      | In: 9-18V, out: 14.6V | 18                  | 160x163x64               | DC/DC charger               | No                  |

<sup>\*:</sup> Equipped with both motion and voltage detection

#### **Cellpower Insulation guards**

| Model           | Voltage | Current (A) | Dimensions<br>lxwxh (mm) |
|-----------------|---------|-------------|--------------------------|
| LES4234432-16   | 230VAC  | 16          | 150x80x99                |
| LES4234432C*    | 230VAC  | 16          | 200x123x112              |
| LES4234432-25   | 230VAC  | 25          | 150x80x99                |
| LES4234432-25C* | 230VAC  | 25          | 150x80x99                |
| LES4234432-63   | 230VAC  | 63          | 200x125x125              |
| LES4234432-63C* | 230VAC  | 63          | 200x125x125              |

<sup>\*:</sup> For combination with inverter / charger

# Standard battery packs for emergency lighting\* NIMH packs

| Model | V/Ah       | Configuration   | Dimensions        | Layout     |
|-------|------------|-----------------|-------------------|------------|
| M202  | 2.4V/1.3Ah | 2xAA-cell Row   | 32x16x51 (lxwxh)  |            |
| M203  | 2.4V/2.1Ah | 2xA-cell Row    | 36x18x51 (lxwxh)  |            |
| M204  | 2.4V/2.1Ah | 2xA-cell Stick  | 18x102 (dxh)      | <b>(()</b> |
| M303  | 3.6V/1.3Ah | 3xAA-cell Row   | 48x16x51 (lxwxh)  |            |
| M304  | 3.6V/1.3Ah | 3xAA-cell Stick | 16x153 (dxh)      |            |
| M305  | 3.6V/2.1Ah | 3xA-cell Row    | 54x18x51 (lxwxh)  |            |
| M401  | 4.8V/1.3Ah | 4xAA-cell Stick | 17x200 (dxh)      |            |
| M402  | 4.8V/1.3Ah | 4xAA-cell Row   | 17x58x52 (lxwxh)  |            |
| M403  | 4.8V/2.4Ah | 4xSC-cell Row   | 44x44x42 (dxh)    |            |
| M405  | 4.8V/2.1Ah | 4xA-cell Stick  | 18x204 (dxh)      |            |
| M406  | 4.8V/1.3Ah | 4xAA-cell Twix  | 102x16x32 (lxwxh) |            |
| M407  | 4.8V/2.1Ah | 4xAA-cell Row   | 64x16x51 (lxwxh)  |            |
| M501  | 6.0V/1.3Ah | 5xAA-cell Stick | 17x250 (dxh)      |            |
| M503  | 6.0V/1.3Ah | 5xAA-cell Row   | 17x73x52 (lxwxh)  |            |
| M504  | 6.0V/2,1Ah | 5xA-cell Stick  | 18x255 (dxh)      |            |

#### **NiCd packs**

| Model | V/Ah       | Configuration     | Dimensions                | Layout                                |
|-------|------------|-------------------|---------------------------|---------------------------------------|
|       |            |                   |                           |                                       |
| N203  | 2.4V/4.5Ah | 2xD-cell Row      | 68x34x61 (lxwxh)          | <u> </u>                              |
| N205  | 2.4V/4.5Ah | 2xD-cell Stick    | 34x122 (dxh)              | ( )                                   |
| N207  | 2.4V/1.5Ah | 2xSC-cell Row     | 44x22x42 (lxwxh)          |                                       |
| N208  | 2.4V/1.5Ah | 2xSC-cell Stick   | 23x84 (dxh)               |                                       |
| N209  | 2.4V/2.5Ah | 2xC-cell Row      | 54x27x50 (lxwxh)          |                                       |
| N210  | 2.4V/2.5Ah | 2xC-cell Stick    | 27x100 (dxh)              | ( )—                                  |
| N304  | 3.6V/2.5Ah | 3xC-cell Row      | 80x27x50 (lxwxh)          |                                       |
| N306  | 3.6V/4.5Ah | 3xD-cell Row      | 102x34x61 (lxwxh)         |                                       |
| N307  | 3.6V/2.5Ah | 3xC-cell Stick    | 26x146 (dxh)              |                                       |
| N309  | 3.6V/4.5Ah | 3xD-cell Stick    | 34x183 (dxh)              |                                       |
| N314  | 3.6V/1.5Ah | 3xSC-cell Stick   | 23x126 (dxh)              |                                       |
| N315  | 3.6V/1.5Ah | 3xSC-cell Row     | 69x23x43 (lxwxh)          |                                       |
| N316  | 3.6V/2.2Ah | 3x1/2D-cell Row   | 96x34x35 (lxwxh)          |                                       |
| N404  | 4.8V/4.5Ah | 4xD-cell Row      | 136x34x61 (lxwxh)         |                                       |
| N406  | 4.8V/4.5Ah | 4xD-cell Stick    | 34x244 (dxh)              |                                       |
| N408  | 4.8V/1.5Ah | 4xSC-cell Stick   | 22x172 (dxh)              |                                       |
| N410  | 4.8V/1.5Ah | 4xSC-cell Row     | 88x22x42 (lxwxh)          |                                       |
| N411  | 4.8V/2.5Ah | 4xC-cell Row      | 104x26x50 (lxwxh)         |                                       |
| N412  | 4.8V/2.5Ah | 4xC-cell Stick    | 26x195 (dxh)              | -                                     |
| N503  | 6.0V/1.5Ah | 5xSC-cell Row     | 115x23x45 (lxwxh)         |                                       |
| N510  | 6.0V/1.5Ah | 5xSC-cell Stick   | 23x215 (dxh)              |                                       |
| N504  | 6.0V/2.5Ah | 5xC-cell Row      | 130x26x50 (lxwxh)         |                                       |
| N507  | 6.0V/4.5Ah | 5xD-cell Row      | 170x34x61 (lxwxh)         |                                       |
| N509  | 6.0V/4.5Ah | 5xD-cell Stick    | 34x305 (dxh)              |                                       |
| N512  | 6.0V/1.5Ah | 2+3xSC-cell Row   | 44x22x42+69x22x42 (lxwxh) |                                       |
| N513  | 6.0V/1.5Ah | 2+3xSC-cell Stick | 23x84 + 23x126 (dxh)      | ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( |

\*: Other customised configurations are available on request. More information on page 28 of this brochure, via sales@cellpowerbatteries.com, or ask your Cellpower distributor.



# **Cellpower Distribution network**

Cellpower has a comprehensive global distribution network. These businesses will be able to advise you on choosing the correct battery for your needs. For the most current list of Cellpower distributors, please visit www.cellpowerbatteries.com/contact.

# **Contact**

#### **Cellpower distribution Europe**

www.cellpowerbatteries.com sales@cellpowerbatteries.com



