

# Adapter/Balancer/Charger/Balancer Charger Product List





All products are customized upon your requirements welcome to OEM & ODM

# Chargery Power Co.,Ltd.

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The **CHARGERY** power aims to bring innovation and quality products to the RC market and electric bicycle / Scooter industry. Mainly develop and manufacure large and midell power adapter and power supply, Charger, BMS, Cell saver, Cell balancer, Battery SOC dashboard. Advanced energy transform technology and high accuracy MCU ADC detection technology assure the higher efficiency and safety. Chargery power protects the battery pack from explosion, over charged, over discharged or overheating, even out of control while driving or flighting.

Chargery power release featured new products, intelligent and revolution, packed with precise battery gauge detecion, automatically alarm and charge/discharge cutting-off, and built-in cell balancer. Chargery will change the way you experience the R/C model and Escooter, for the better.





#### Adapter wire for different connector













### Super BEC for High Voltge digital Serso

| Model  | Application    | out power | Input                   | Output  | Cert.       |
|--------|----------------|-----------|-------------------------|---|-------------|
| BEC10A | Receiver,Servo | 126W max. | 3S-14S LiPo or DC9-60V  | 5.5V, 6V,7.4V,8.4V output, 10A continue, 15A burst. 10V Over voltage protection on output | CE and RoHS |
| BEC15A | Receiver,Servo | 168W max, | 3S-14S LiPo or DC9-60V  | 5.5V, 6V,7.4V,8.4V output, 15A continue, 20A burst,10V Over voltage protection on output  | CE and RoHS |
| BEC20A | Receiver,Servo | 210W max. | 3S-14S LiPo or DC9-60V  | 5.5V, 6V,7.4V,8.4V output, 20A continue, 25A burst, 10V Over voltage protection on output | CE and RoHS |
| BECLV  | Receiver,Servo | 168W max, | 2S-6S LiPo or DC6.6-25V | 5.4V, 5.9V,7.4V,8.4V output, 10A continue, 15A burst, short protection on output          | CE and RoHS |



#### BMS for LiPo / Li-ion/LiFe battery pack applied to R/C model or EV

| Model   | Battery Type     | Battery<br>Number | Charge/discharge   | Description  | Cert.       |
|---------|------------------|-------------------|--|--|-------------|
| BMS8    | Li-ion/LiPo/LiFe | 3-8 cells,        | Charge rate: up to 25A<br>Discharge rate: 25A<br>continue, 100A burst  | Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. Nixie display indicator display cell voltage, total votage and cell voltage difference | CE and RoHS |
| BMS8Pro | Li-ion/LiPo/LiFe | 3-8 cells,        | Charge rate: up to 30A<br>Discharge rate: 50A<br>continue, 200A burst  | Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. Nixie display indicator display cell voltage, total votage and cell voltage difference | CE and RoHS |
| BMS16   | Li-ion/LiPo/LiFe | 4-16 cells,       | Charge rate: up to 50A<br>Discharge rate: 100A<br>continue, 200A burst | Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. Nixie display indicator display cell voltage, total votage and cell voltage difference | CE and RoHS |

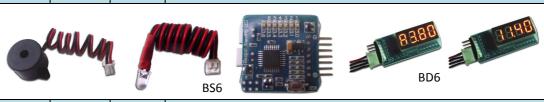


# **NEW!!!** 3S~16S LiPo&LiFe Battery Monitor/Saver

| MODEL | battery type | cell count | Description  |
|-------|--------------|------------|--|
| вм6   | LiPo/LiFe    | 2S-6S      | <b>0.001V</b> display resolution; <b>0.005V</b> detection precision; Display cell voltage, total voltage and cell voltage difference; <b>Sound Alarm</b> when any cell voltage under the voltage range from 2.00-4.00V you set in discharge or in Flight, over 4.220V in charge. |



BS6 LiPo 2S-6S 0.01V detection precision; Sound Alarm and big power LED when any cell voltage under the voltage range from 3.0-3.6V you set in discharge or in Flight



| BD6  | LiPo/LiFe | 2S-6S  | 0.01V display resolution; Display cell voltage and total voltage   |
|------|-----------|--------|--|
| BS12 | LiPo/LiFe | 2S-12S | 0.01V detection precision; Sound Alarm and High Light LED when any cell voltage under the voltage range from 2.0-4.0V you set in discharge or in Flight. TFF coloful LCD display |





BM16 V3.1 LiPo/LiFe 3S-16S 0.01V detection precision; Sound Alarm and High Light LED when any cell voltage under the voltage range from 2.0-4.0V you set in discharge or in Flight. TFF coloful LCD display, Alarm port for Relay.



Any models can not meet your demands  $\,$  in the list, feel free to check with CHARGERY.

# Smart Balance Charger for LiPo/Li-ion/LiFe, NIMH/NICD and Pb battery pack applied to R/C model or EV, HEV, PHEV

| Model       | Battery Type                      | Battery<br>Number  | Input          | Output   | Certification |
|-------------|-----------------------------------|--|----------------|--|---------------|
| 320B<br>HOT | Li-ion/LiPo/LiFe                  | 2-3 cells with<br>less than 2AH                          | DC 11-18V 1.5A | DC 12.6V <b>25W</b> max., 1.0 or 2.0A charge current; Built-in cell balancer.  | CE and RoHS   |
| 440B        | Li-ion/LiPo/LiFe                  | 2-4 cells  | DC 11-18V 5A   | DC 16.8V <b>35W</b> max., 0.1-4.0A charge current, step 0.1A;<br>Built-in cell balancer. Cell voltage monitor, balancer, dishcharger,<br>charger <b>4in1</b> , <b>LCD</b> display. | CE and RoHS   |
| 620B        | Li-ion/LiPo/LiFe                  | 2-6 cells  | DC 11-18V 6A   | DC 25.2V max., 0.3-3.0A <b>50W</b> ; Built-in cell balancer. LED indicator. <b>Charge 2*3S or 3*2S battery packs simultaneously</b> .  | CE and RoHS   |
| 0410B       | Li-ion/LiPo/LiFe                  | 2-4S Racing<br>Car battery                               | DC 11-18V 8A   | DC 16.8V Max., Up to <b>10A</b> ; Built-in cell balancer; balance while charge, LCD display. <b>80W</b> maximal power. <b>Charge 2*2S battery packs simultaneously.</b>            | CE and RoHS   |
| 650B        | Li-ion/LiPo/LiFe<br>NiMh/NiCd, Pb | 1-6 lipo/Li-<br>ion/LiFe cells,<br>1-15NiMh,2-<br>20V Pb | DC 11-18V 6A   | charge rate up to <b>5A</b> ; Built-in cell balancer; balance while charge, LCD display. <b>50W</b> maximal power. <b>Charge 2*2S battery</b> packs simultaneously.                | CE and RoHS   |
| 1420B       | Li-ion/LiPo/LiFe                  | 6-14 LiPo/LiFe cells                                     |                | DC59.5V max. Up to 20A; 500W max. balance while charge, LCD display. Charge more battery packs simultaneously.   | coming soon   |

# Connector Conversion Board (CCB) and Conversion Wire are specially designed for balancer and balance charger to fit all kinds of battery pack with different connector



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### **PFC Switching Power Supply**

| Model        | Application  | output power | Input               | Output  | Cert.       |
|--------------|--|--------------|---------------------|---|-------------|
| A1           | 320B-1A  | 15W          |                     | DC 12.0V 1.5A, 75*50*34mm 100g  | CE and RoHS |
| A6           | 440B,<br>620B,650B                                     | 75W          | AC 100-240V 50/60Hz | DC 12.0V, 6A, 130*55*30mm 300g  | CE and RoHS |
| A12 V2.0     | 0410B, 0610B   | 150W         | AC 90-265V 50/60Hz  | DC 12.5V, 12.0A, intelligent colling fan, 150*68*46mm 480g  | CE and RoHS |
| A30          | DC charger<br>under 300W                               | 350W         | AC 100-240V 50/60Hz | DC 14.0V, 25A, DUAL intelligent colling fan, 190*95*56mm<br>930g  | CE and RoHS |
| S400         | DC charger<br>under 400W                               | 400W         | AC 100-250V 50/60Hz | With active PFC, DC 6-15V adjustable, 27A 400W max., intelligent colling fan, digital LED display voltage and current. 145*106*55mm, 0.8Kg      | CE and RoHS |
| S600         | DC charger<br>under 600W                               | 600W         | AC 90-265V 50/60Hz  | With active PFC, DC 6-15V adjustable, 40A 600W max., intelligent colling fan, digital LED display voltage and current. 223*106*55mm, 1.25Kg     | CE and RoHS |
| S1200<br>HOT | DC charger<br>under 1000W,<br>such as 3010B<br>306B    | 1200W        |                     | With active PFC, DC11.5-24.5V adjustable, 50A 1200W max., intelligent colling fan, digital LED display voltage and current. 286*145*68mm, 2.3Kg | CE and RoHS |
| S1500 v1.1   | DC Charger<br>under 1500W.<br>powerLab 8M,<br>Icharger | 1500W        |                     | DC 10-25.0V adjustable, 60A 1500W max., intelligent colling fan, TFT LCD display voltage, current, power and temperature.                       | CE and RoHS |













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#### **Business item:**

 $\ensuremath{\mathsf{MOQ}}\xspace$  30-500PCS for different models, if OEM, the MOQ is 200pcs each model

Payment: T/T in advance or deposit 30%

Lead time:5-30days
Samples: NO MOQ Limit

Warranty:12 or 24 months from date of purchasing

CHARGERY Power products are designed and manufactured specially for R/C model, it is inspected and tested according to ISO 9001:2000 and other international standard such as CE, UL. etc..

Make sure to check back frequently as we have many new products to be added shortly. These products, as with all the CHARGERY Power product line are sure to offer you the ultimate in performance and value.

 $CHARGERY\ products\ include\ AC\ chargers,\ BMS,\ \ power\ supply\ and\ balance\ chargers-a\ total\ power\ solution\ family\ for\ R/C\ model\ and\ EV,\ HEV.$ 



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