Adapter/Balancer/Charger/Balancer Charger

Product List

1.2A balance

600A max. charge/discharge

All products are customized upon your requirements

welcome to OEM & ODM

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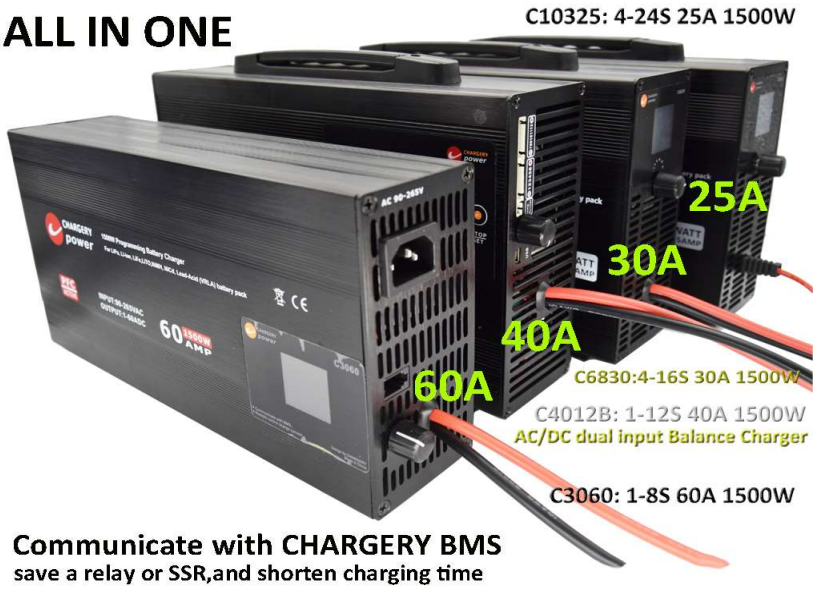
CHARGERY power aims to bring innovation and quality products to the UAV market and electric vehicle industry. Develop and manufacure large power power supply, Charger, BMS, and so on. Advanced energy transform technology and high accuracy MCU ADC detection technology assure the higher efficiency and safety. Chargery power protects the battery pack from explosion, over charged, over discharged or overheating, even out of control while driving or flighting.

1500W charger for LiPo, NMC, LiFe, LiTo & NiMh/NiCD, VRLA, Lead-acid/Pb battery

ALL IN ONE



Communicate with CHARGERY BMS
save a relay or SSR,and shorten charging time

Remote control charge current by PWM on version A

1.2A balance

600A max. charge/discharge

Model	Battery Type	Battery Number	Charge/discharge	Description	Cert.
BMS16	Li-ion/LiPo/LiFe	2-16 cells	Charge rate: up to 100A Discharge rate: up to 300A	Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. TFT LCD display SOC, cell voltage, temperature and so on.	CE and RoHS
BMS8T	LiPo/LiFe/LTO	2-8 cells	Charge rate: up to 600A Discharge rate: up to 600A Balance current:1.2A/cell	Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. TFT LCD display SOC, cell voltage, temperature and so on.	CE and RoHS
BMS16P NEW	LiPo/LiFe/LTO	2-16 cells	Charge rate: up to 600A Discharge rate: up to 600A Balance current:1.2A/cell	Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. TFT LCD display SOC, cell voltage, temperature and so on.	CE and RoHS
BMS24T	LiPo/LiFe/LTO	2-24 cells	Charge rate: up to 600A Discharge rate: up to 600A Balance current:1.2A/cell	Automatically cut-off the charge or discharge while over charge, over discharge, over current, over temperature or short circuit. TFT LCD display SOC, cell voltage, temperature and so on.	CE and RoHS

BMS16P

B

BMS16v2.0

300A charge and discharge current

BMS16P

BMS8

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

The DC contactor is designed special work with CHARGERY BMS', the following are some features:

■ Bi-directional connection, one DCC can be used in a Common port such as a Solar system, instead of two SSR's (Solid State Relays) or conventional relays.

■ The DCC has a Built-in the surge suppressing circuit, thereby eliminating the need for the additional Relay Delay Time board which is used to avoid a surge current when starting to charge or discharge. For other SSR's or mechanical relay, please consider the surge current potentials seriously and make a suitable plan for using a delay board as applicable.

■ Over temperature protection. If internal temperatures over heat, the contactor will shut off.

■ 1 Intelligent cooling fans turned on automatically

■ Approved by CE

■ 12 months warranty

DC Contactor (DCC) model	DCC-100HB	DCC-200HB	DCC-300HB	DCC-600HB
Driving voltage	12V			
Holding current (Avg.) at 12V	9mA	11mA	11mA	11mA
Rated Operating Voltage	100V			
Continuous (Carry) Current, Typical	100A	200A	300A	600A
Maximum current, at 85°C for 2 seconds	200A	300A	500A	1000A
Maximum Contact voltage drop at 100A	200mV	136mV	80mV	40mV
Fan start Temperature		>42°C	>42°C	>42°C
Over temperature protection---- Turn off temperature		>90°C	>90°C	>90°C
Turn on temperature automatically		<80°C	<80°C	<80°C
Current mode	bi-directional			
Size(L*W*H, mm)	105*55*40	105*64*55	105*90*55	142*105*55
Weight(Kg)	0.3	0.45	0.7	1.2
Operating Ambient Temperature	-40 to +85 °C			
Cold pressing copper tube terminal	10-6	25-6	50-8	
Screws	M6*16		M8*20	
Wire Area(mm²) requirements	18	30	50	70
Ambient Temperature	-10--45℃			
Ambient Humidity	5%--95%			
Storage Temp.	-20℃--70℃			
Storage Humidity	30%--90%			

AC Charger

Model	Battery Type	Battery Number	Input	Output	Certification
C10325	LiPo,Lion,LiFe,LiTo, lead acid, NiMh/NiCd	4S-24S lipo etc.	AC 100-250V 50/60Hz	With active PFC, DC 4S-24S adjustable, 1-25A 1500W max., intelligent colling fan, LCD display voltage and current. 275*170*68mm, 3Kg	CE and RoHS
C6050	LiPo,Lion,LiFe,LiTo, lead acid, NiMh/NiCd	4S-13S LiFe etc.	AC 100-250V 50/60Hz	With active PFC, DC 4S-13S adjustable, 1-50A 3000W max., intelligent colling fan, LCD display voltage and current. 276*147*132mm, 4.5Kg	CE and RoHS
C3060	LiPo,Lion,LiFe,LiTo, lead acid, NiMh/NiCd	1S-8S LiFe etc.	AC 100-250V 50/60Hz	With active PFC, DC 1S-8S adjustable, 1-60A 1500W max., intelligent colling fan, LCD display voltage and current. 278*145*68mm, 4.5Kg	CE and RoHS
C6830	LiPo,Lion,LiFe,LiTo, lead acid, NiMh/NiCd	4S-16S LiPo etc.	AC 100-250V 50/60Hz	With active PFC, DC 4S-16S adjustable, 1-30A 1500W max., intelligent colling fan, LCD display voltage and current. 281*170*68mm, 3Kg	CE and RoHS

AC/DC dual input 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 Number	Input	Output	Certification
C4012B	Li-ion/LiPo/LiFe/LiTo/NiMH, NiCd, Pb	1-12S	DC 10-28V 25A; AC90-265V	20A 500W at DC input, and 40A 1500W at AC input, Built-in cell balancer. Balance current 1.2A	CE and RoHS

Super BEC for High Voltge digital Serso--customized available

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

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

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

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

MODEL	battery type	cell count	Description
BM6	LiPo/LiFe	2S-6S	**0.001V** display resolution; **0.005V** detection precision; Display cell voltage, total voltage and cell voltage difference; **Sound Alarm** 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.

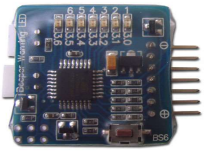
the total voltage of 3S battery

The difference of cell voltage

The voltage of cell 3

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

BS6



BD6

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.

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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 Number	Input	Output	Certification
320B not available	Li-ion/LiPo/LiFe	2-3 cells with less than 2AH	DC 11-18V 1.5A	DC 12.6V **25W** max., 1.0 or 2.0A charge current; Built-in cell balancer.	CE and RoHS
5006B	Li-ion/LiPo/LiFe NiMh/NiCd, Pb	1-6 lipo/Li-ion/LiFe cells, 1-20NiMh,2-24V Pb	DC 10-28V	charge rate up to **20A**; Built-in cell balancer; 1.2A balance current, LCD display. **500W** maximal power.	CE and RoHS
5008B	Li-ion/LiPo/LiFe NiMh/NiCd, Pb	1-8 lipo/Li-ion/LiFe cells, 1-20NiMh,2-24V Pb	DC 10-28V	charge rate up to **20A**; Built-in cell balancer; 1.2A balance current, LCD display. **500W** maximal power.	CE and RoHS
50010B	Li-ion/LiPo/LiFe NiMh/NiCd, Pb	1-10 lipo/Li-ion/LiFe cells, 1-20NiMh,2-24V Pb	DC 10-28V	charge rate up to **20A**; Built-in cell balancer; 1.2A balance current, LCD display. **500W** maximal power.	CE and RoHS

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

CCB-7KT-6S

CCB-AKT-10S

CCB-AKT-8S

CEHP-7X

CEH-11

CEH-9

320B

50010B

50010B

5008B

5006B

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

PFC Switching Power Supply

Model	Application	output power	Input	Output, Size and weight	Cert.
A1	320B-1A	15W	AC 100-240V 50/60Hz	DC 12.0V 1.5A, 75*50*34mm 100g	CE and RoHS
A3	320B-2A	36W		DC 12.0V 3.0A, 75*35*34mm 100g	CE and RoHS
A6	440B, 620B,650B	75W		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 under 300W	350W	AC 100-240V 50/60Hz	DC 14.0V, 25A, DUAL intelligent colling fan, 190*95*56mm 930g	CE and RoHS
S400	DC charger 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
S600PLUS v2.0 HOT	DC charger under 600W	600W	AC 90-265V 50/60Hz	With active PFC, DC 5-26V adjustable, 2-25A 600W max., intelligent colling fan, TFT LCD display voltage, current, power and temperature. 223*106*55mm, 1.25Kg	CE and RoHS
S1200 v3.0 HOT	DC charger under 1000W, such as 3010B 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 v3.0 HOT	DC Charger under 1500W	1500W		DC 10-30.0V adjustable, 1-60A 1500W max., intelligent colling fan, TFT LCD display voltage, current, power and temperature. 255*145*68mm, 2.3Kg	CE and RoHS
S800	DC Charger under 800W	800w		DC 12-24.0V adjustable, 32A 800W max., intelligent colling fan, TFT LCD display voltage, current, power and temperature. 200*106*55mm, 1.1Kg	coming soon

A6

A12 V2.0

A30

S1200

S1500

S600PLUS

Business item:

MOQ: 30-500PCS for different models
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.

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