



Smart Battery Charger



FEATURES

The Smart Battery Charger have 11 steps in each charge mode, it represents some of the most innovative and advanced technology on the market, making each charge simple and easy. It is quite possibly the safest and most efficient charger you will ever use. The Smart Battery Charger have REPAIR mode, you can use this mode to recovery storing, old, idle, damaged, stratified or sulfated batteries. It is designed for charging all types of 12V lead-acid, including Wet(Flooded), Gel, MF(-Maintenance-Free), CA(Calcium), EFB(Enhanced Flooded Battery), AGM(Absorption Glass Mat) and 6V lead-acid battery. It is suitable for charging battery capacities from 2 to 120 Amp-Hours and maintaining all battery sizes. It is designed also for charging the LiFePO4 (4 series) battery.



Small Current



High Current



Low Temperature



Fast Charging

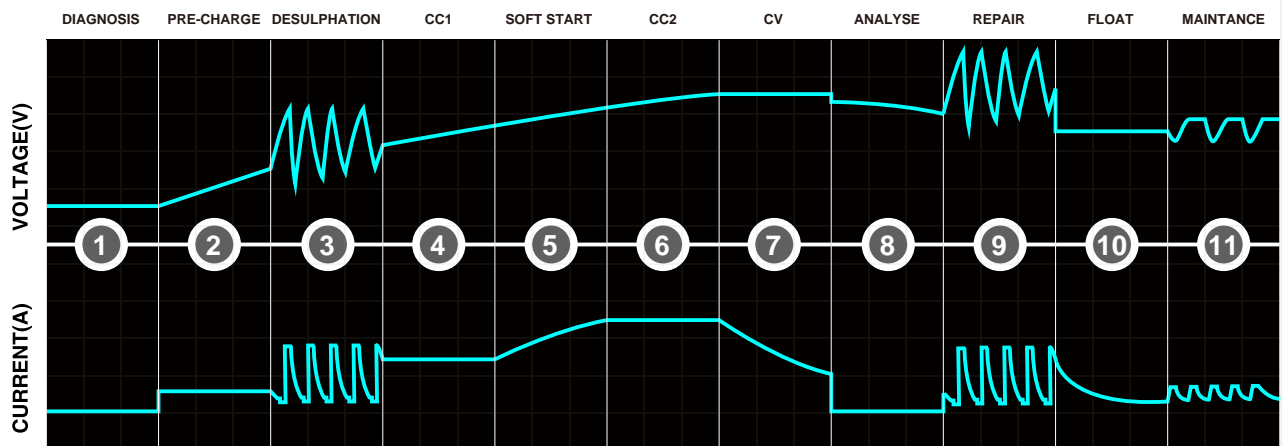


Battery Repair



Battery Protection

11-SEGMENT INTELLIGENT CHARGING



AUTO BATTERY DETECTION AND AUTO REPAIR

Advanced detection and repair mode to reverse the damaging effects of your battery.



OVER MOULDING DESIGN, GREAT IMPACT RESISTANCE.

The housing adopts over moulding process. It can effectively prevent damage caused by falling and impact, and it has a very good rubbery soft touch.

LCD SCREEN

Designed with a LCD screen for dynamic display of system data and operating status: Charging Modes、Failure、Battery Type、Battery Capacity.



INTELLIGENT PROTECTIONS

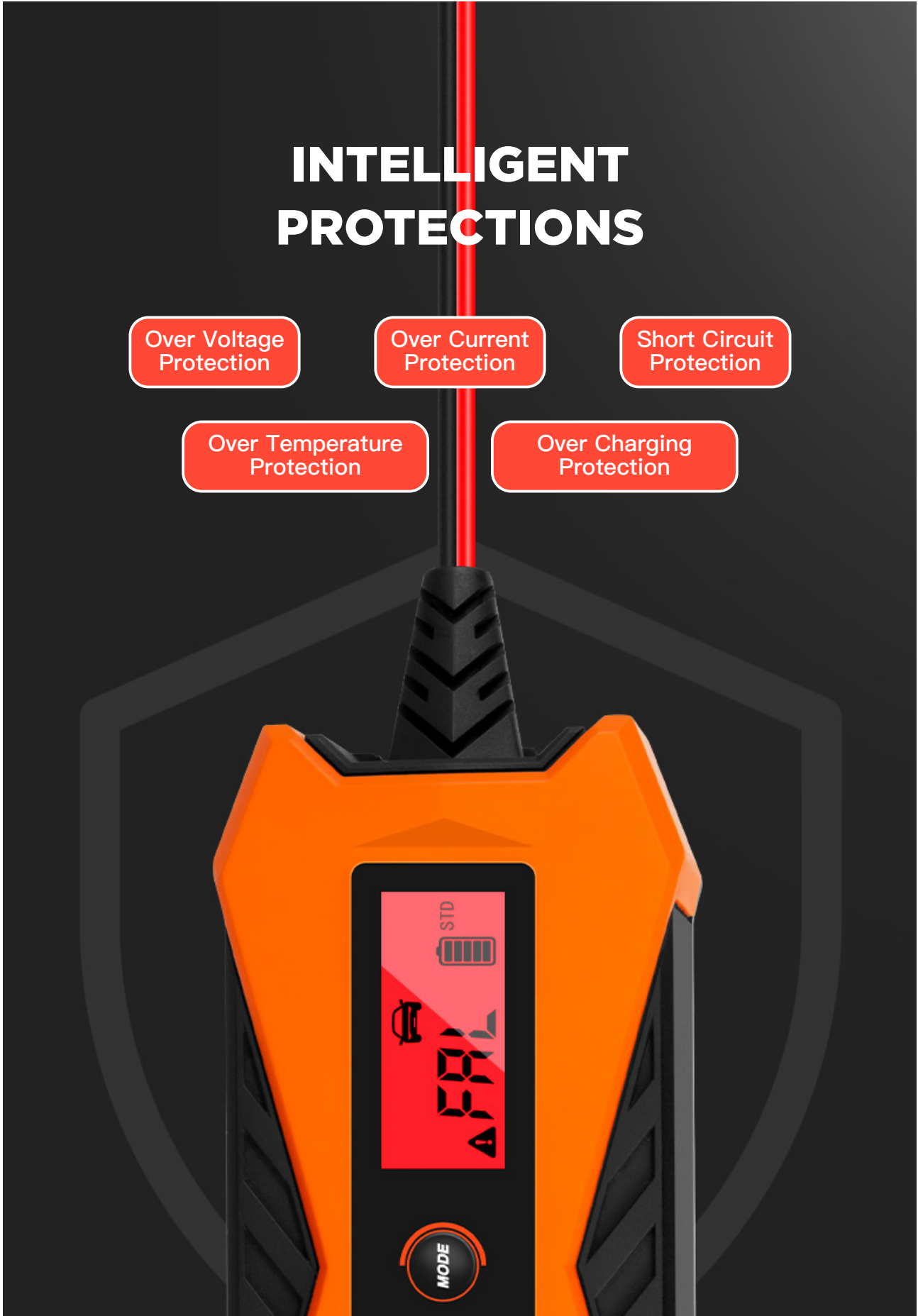
Over Voltage Protection

Over Current Protection

Short Circuit Protection

Over Temperature Protection

Over Charging Protection



4A 7.2A SMART BATTERY CHARGER

BC0401 / BC0801



MODEL: BC0401

- Mode: 2A/4A Charge、Cold、Repair、6V.
- Battery: Wet, Gel, MF, CA, EFB, AGM & LI、STD.
- 11 Segment Intelligent Charging.
- Auto Battery Detection and Auto Repair.
- Intelligent protections.
- LCD screen.
- IP65 Housing Protection.



MODEL: BC0801

- Mode: 2A/4A Charge、Cold、Repair、6V、SUP
- Battery: Wet, Gel, MF, CA, EFB, AGM & LI、STD.
- 11 Segment Intelligent Charging.
- Auto Battery Detection and Auto Repair.
- Intelligent protections.
- LCD screen.
- IP65 Housing Protection.

Parameters

MODEL	BC0401	BC0801
Rated Input Voltage AC	110–120 VAC, 50–60Hz	
Working Voltage AC	85–130 VAC, 50–60Hz	
Input Current	1.1A rms (at full charging current)	2.2A rms (at full charging current)
Efficiency	85% Approx.	
Power	60W Max	108W Max
Charging Voltage	Various	
Charging Current	2A(12V & 6V), 4A (12V)	3.6A(6V),3.6A(12V),7.2A(12V)
Low-Voltage Detection	2V (12V), 2V (6V)	3V (12V), 3V (6V)
* Back Current Drain	1mA	
Ambient temperature	–4°F to +122°F (–20 °C to +50 °C) Output power is reduced automatically when temperature than 40 °C	
Charger Type	11 Step, Smart Charger	
Type of Batteries	6V & 12V	
Battery Chemistries	Wet, Gel, MF, CA, EFB, AGM & LiFePO4 (4 series)	
Battery Capacity	1.2–120Ah(12V), 1.2–60Ah (6V), Maintains All Battery Sizes	2–200Ah(12V), 2–100Ah (6V), Maintains All Battery Sizes
Housing Protection	IP65	
Cooling	Natural Convection	
Dimensions (L x W x H)	7.09 x 3.15 x 1.96 Inches	8.66 x 3.74 x 2.36 Inches
Weight	1.37 lb	1.88 lb
Authentication	ETL , BC	

* Back current drain is the current that drains the battery if the charger is not connected to the mains. Battery chargers has a very low back current.

15A 25A SMART BATTERY CHARGER

BC1501 / BC2501



■ Features

- Mode: 2A/10A /15A/25A Charge、SUP、Cold、Repair.
- Battery: Wet, Gel, MF, CA, EFB, AGM & LIB、STD、24V.
- 11 Segment Intelligent Charging.
- Auto Battery Detection and Auto Repair.
- Intelligent protections.
- LCD screen.
- Jump Charge

Parameters

MODEL	BC1501	BC2501
Rated Input Voltage AC	110–120 VAC, 50–60Hz	
Working Voltage AC	85–130 VAC, 50–60Hz	
Input Current	4.1A rms (at full charging current)	6.8A rms (at full charging current)
Efficiency	85% Approx.	
Power	60W Max	108W Max
Charging Voltage	Various	
Charging Current	2A, 10A, 15A(12V), 7.5A(24V)	2A, 15A, 25A(12V), 12.5A(24V)
Low-Voltage Detection	2V (12V), 2V (24V)	2V (12V), 2V (24V)
* Back Current Drain	1mA	
Ambient temperature	–4°F to +122°F (–20°C to +50°C) Output power is reduced automatically when temperature than 40°C	
Charger Type	11 Step, Smart Charger	
Type of Batteries	12V, 24V	
Battery Chemistries	Wet, Gel, MF, CA, EFB, AGM & LiFePO4 (4 series)	
Battery Capacity	1.2–400Ah(12V), 1.2–200Ah (24V), Maintains All Battery Sizes	2–500Ah(12V), 2–250Ah (24V), Maintains All Battery Sizes
Housing Protection	/	
Cooling	Cooling Fan	
Dimensions (L x W x H)	8.66 x 5.59 x 5.31 Inches	10.1 x 8.3 x 5.6 Inches
Weight	2.7 lb	3.9 lb
Authentication	ETL , BC	

* Back current drain is the current that drains the battery if the charger is not connected to the mains. Battery chargers has a very low back current.

4A 7.2A SMART BATTERY CHARGER

BC0402 / BC0802



MODEL: BC0402

- Mode: 2A/4A Charge、Cold、Repair、6V.
- Battery: Wet, Gel, MF, CA, EFB, AGM & LI、STD.
- 11 Segment Intelligent Charging.
- Auto Battery Detection and Auto Repair.
- Intelligent protections.
- LCD screen.
- IP65 Housing Protection.



MODEL: BC0802

- Mode: 2A/4A Charge、Cold、Repair、6V、SUP
- Battery: Wet, Gel, MF, CA, EFB, AGM & LI、STD.
- 11 Segment Intelligent Charging.
- Auto Battery Detection and Auto Repair.
- Intelligent protections.
- LCD screen.
- IP65 Housing Protection.

Parameters

MODEL	BC0402	BC0802
Rated Input Voltage AC	220–240 VAC, 50–60Hz	
Working Voltage AC	170–260 VAC, 50–60Hz	
Input Current	0.6A rms (at full charging current)	1.1A rms (at full charging current)
Efficiency	85% Approx.	
Power	60W Max	108W Max
Charging Voltage	Various	
Charging Current	2A(12V & 6V), 4A (12V)	3.6A(6V),3.6A(12V),7.2A(12V)
Low-Voltage Detection	2V (12V), 2V (6V)	3V (12V), 3V (6V)
* Back Current Drain	1mA	
Ambient temperature	–4°F to +122°F (–20 °C to +50 °C) Output power is reduced automatically when temperature than 40 °C	
Charger Type	11 Step, Smart Charger	
Type of Batteries	6V & 12V	
Battery Chemistries	Wet, Gel, MF, CA, EFB, AGM & LiFePO4 (4 series)	
Battery Capacity	1.2–120Ah(12V), 1.2–60Ah (6V), Maintains All Battery Sizes	2–200Ah(12V), 2–100Ah (6V), Maintains All Battery Sizes
Housing Protection	IP65	
Cooling	Natural Convection	
Dimensions (L x W x H)	7.09 x 3.15 x 1.96 Inches	8.66 x 3.74 x 2.36 Inches
Weight	1.37 lb	1.88 lb
Authentication	CE, GS, ROHS	

* Back current drain is the current that drains the battery if the charger is not connected to the mains. Battery chargers has a very low back current.

15A 25A SMART BATTERY CHARGER

BC1502 / BC2502



■ Features

- Mode: 2A/10A /15A/25A Charge、SUP、Cold、Repair.
- Battery: Wet, Gel, MF, CA, EFB, AGM & LIB、STD、24V.
- 11 Segment Intelligent Charging.
- Auto Battery Detection and Auto Repair.
- Intelligent protections.
- LCD screen.
- Jump Charge

Parameters

MODEL	BC1502	BC2502
Rated Input Voltage AC	220–240 VAC, 50–60Hz	
Working Voltage AC	170–260 VAC, 50–60Hz	
Input Current	2.0A rms (at full charging current)	3.4A rms (at full charging current)
Efficiency	85% Approx.	
Power	60W Max	108W Max
Charging Voltage	Various	
Charging Current	2A, 10A, 15A(12V), 7.5A(24V)	2A, 15A, 25A(12V), 12.5A(24V)
Low-Voltage Detection	2V (12V), 2V (24V)	2V (12V), 2V (24V)
* Back Current Drain	1mA	
Ambient temperature	–4°F to +122°F (–20 °C to +50 °C) Output power is reduced automatically when temperature than 40 °C	
Charger Type	11 Step, Smart Charger	
Type of Batteries	12V, 24V	
Battery Chemistries	Wet, Gel, MF, CA, EFB, AGM & LiFePO4 (4 series)	
Battery Capacity	1.2–400Ah(12V), 1.2–200Ah (24V), Maintains All Battery Sizes	2–500Ah(12V), 2–250Ah (24V), Maintains All Battery Sizes
Housing Protection	/	
Cooling	Cooling Fan	
Dimensions (L x W x H)	8.66 x 5.59 x 5.31 Inches	10.1 x 8.3 x 5.6 Inches
Weight	2.7 lb	3.9 lb
Authentication	CE, GS, ROHS	

* Back current drain is the current that drains the battery if the charger is not connected to the mains. Battery chargers has a very low back current.