

INTELLIGENT CHARGER FOR HIGH-VOLTAGE BATTERY PACKS

P/N: BC000046

Features

- Smart Balancing Charger for high count cells in series (up to 20s for Li-Ion/Li-Poly 24s for LiFePO4)
- Wide range input voltage: 24-90VDC
- Charging current: up to 10A
- Intelligent Proprietary charging algorithm and temperature control
- Precise measurement accuracy: 1mV
- Charging mode/indication/status LCD display
- Hard Plastic case with external electromechanical interface



*for illustration only

Specifications

Input Voltage Range	24-90VDC
Max. Charging Voltage	84V (20S Li-ion/Li-Poly)
	87.6V (24S LiFePO4)
Max. Charging Current	10A
Max. Output Power	800W
Balancing current	up to 200mA
Operation Temperature	-0°C ~ 45°C
Storage Temperature	-20°C ~ 65°C
Dimensions	336 x 300 x 148 mm
Weight (approx)	~4.0 kg
IP rating with closed top lid	IP67

OPERATION MANUAL

1. Insert DC PLUG to DC INPUT socket
2. Insert battery adapter plug to CHARGING PORT
3. Push POWER SWITCH to switch on (check the cooling fan is active)
4. Press and Hold START button for 2 sec. to begin charging process
5. Use NEXT button to see battery data and cells voltages measurements

TOP PANEL



No	Description
1	Cooling fan
2	DC Voltage Input connector
3	POWER ON button
4	CHARGING PORT connector
5	DATA LCD screen
6	START/NEXT button
7	STOP/CLEAR button
8	COMM PORT USB connector
9	Charging status indication