

User manual

MODE NO: PB-300

Product Brief

PB300 is powerful portable energy storage. Built in bidirectional inverter, can be directly charged with an external AC power supply, and also supports solar panel charger. And it provide not only stand USB-A output, QC USB-A 60W , USB-C PD 65W output and wireless charge, and DC, AC output and LED lamps, support pass through. Built in Bluetooth speaker, supporting mobile app control.

PRODUCT FEATURES

- Battery Capacity
 - 25.6V/9000mAh (230Wh) 25.6V/9000mAh
- Power Ports
 - **AC Outlet**
 - ◆ Dual AC outlet (US standard)
 - ◆ 120VAC/60Hz pure sine-wave 300W Rate
 - DC port
 - ◆ Dual 5521DC Ports and a car port, 12V 10A Max shared
 - USB Power USB
 - ◆ Dual Charge USB-A Port, 5/2.4A 12W Max
 - ◆ One USB-A Ports 5 to 20V, output 60Wmax
 - ◆ A USB-C PD Port: 5 to 20V, output 65W
 - Charging Input For:
 - ◆ DC /Solar Input: 10-30V, 100W max, Anderson port
 - ◆ AC Input: 120V/60Hz, 300W max, AC Power port
- LED LAMP LED
 - A 5W lamp
- Display
 - LCD Display for Battery level in percentage
 - LCD Display for Battery input/output power in Watt
 - LCD Display for DC, AC, USB, wireless charge output
 - LCD Display for Battery charge/discharge remaining time
 - LCD Display for Bluetooth, WIFI
 - LCD Display for Volume
- Button
 - Buttons for Power on/off, AC, DC ,Volume and LAMP
- APP
 - The APP interface can display information such as battery level, input/output power, volume, etc. It can also control AC, DC output, and Bluetooth audio. The WIFI module built-in 40MHz crystal oscillator.
- Bluetooth speaker
 - Two 5W Bluetooth speakers. The Bluetooth module built-in 26MHz crystal oscillator.

OPERATION DESCRIPTION

Abbreviation Note :

- **BL: BATTERY LEVEL**
LCD Display for battery level and protection
 1. Display battery level from 0 to 100 as 0%-100% when input.
 2. Display battery level from 0 to 100 as 0%-100% when output.
- **BP: BATTERY POWER**
LCD Display

1. Input or Output Display power from 0 to XXXX Watts
2. When output, display output is 0-XXX corresponding to 0-XXXX W display power
3. When charging and placing, the display input is 0-XXX corresponding to 0-XXXX W to display power

1. SLEEP MODE

- ◆ All off.
 - No output and up to 1 hours(Can be set through the APP)

2. CHARGE MODE

- ◆ Battery charge, BP and BL, remaining time on.
 - DC/AC input plug-in, battery is charging, display BL,BP and remaining time
 - BL=100% and the battery is full, stop charging and rotating.

3. OUTPUT MODE

- ◆ One of AC/DC/USB-A/USB-C/Wireless charge output, BP and BL on.
 - Press the Power button , turn on power
 - Press the Power button for 2 seconds , turn off power
 - Press the AC button, turn on AC output.
 - Press the AC button, turn off AC output.
 - If AC output OCP, turn off AC output and LCD display "overload" .
 - Battery level lower than 1%, turn off AC.
 - Press the USB button, turn on USB-A/UAB-C/Wireless output.
 - Press the AC button, turn off USB-A/UAB-C/Wireless output.
 - Press the DC button, turn on DC/Car port output.
 - Press the DC button, turn on DC/Car port output.
 - 10 minutes without operation, LCD off.
 - Battery level drops to 0%, wait for 15 seconds, then go to SLEEP Mode.
 - No any loading after 1 hours, SLEEP MODE

4. Light MODE

- Press LAMP button, Open the lamp, Click to switch brightness to 100%, 50%, SOS,turn off mode.
- Press LAMP button, the lamp off.

5. Connect Bluetooth

- Press Bluetooth button for 2 seconds ,the Bluetooth Rematch
- The Bluetooth name is PB-300

6. APP operation

- The device name is PB-300

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.