

B Series Portable Power Station User Manual

Model: B600&B1200

Thank you very much for choosing this series of portable power station!

Please read the user manual carefully before using.

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1. Specifications

Model	B600A	B1200A1	B1200A2
Battery Capacity	24Ah@22.4V(538Wh)	48Ah@22.4V (1075Wh)	42Ah@25.6V (1075Wh)
DC Input	12-28V ^{DC} 8A 200W (max.)	12-50V ^{DC} 10A 400W(max.)	
AC Input	100-130Vac 300W(max.)	100-130Vac 600W(max.)	
AC1 Output	100Vac-130Vac,Pure Sine Wave, AC1+AC2 Total Max: 600W, Peak Power: 1200W	100Vac-130Vac,Pure Sine Wave, AC1+AC2+AC3 Total Max: 1200W, Peak Power: 2400W	
AC2 Output			
AC3 Output			
USB-A1/A2 Output	QC3.0 18W(5V/3A,9V/2A,12V/1.5A)		
USB-C1 Output	PD100W (5V/3A,9V/3A,12V/3A,15V/3A,20V/5A)		
USB-C2 Output	PD65W (5V/3A,9V/3A,12V/3A,15V/3A,20V/3.25A)	PD100W (5V/3A,9V/3A,12V/3A,15V/3A,20V/5A)	
DC1/2 Output	12Vdc 8A(total max.96W)		
Car Charging Output	DC12V/10A,DC1/2+Car Charging Output:120W		
Wireless Charging	10W (max.)	/	
Operating Temperature	-10°C-45°C		

2. Product Appearance

B600A



B1200A



3. Display Indicator

① High Temperature Indicator

When B600&B1200 are in high temperature, the high temperature indicator will be lit. Please cool down the B600&B1200 before using.

② Low Temperature Indicator

When B600&B1200 are in low temperature, the low temperature indicator will be lit. Please use it after the temperature is restored to above 5°C.

③ Battery Temperature Indicator

When the battery temperature is abnormal, the battery temperature indicator will be lit.

④  **Remaining Charge/Discharge Time**

⑤  **AC Port Indicator**

The AC indicator icon will appear on the LCD display when the AC power button is turned on.

⑥  **USB-A Port Indicator**

The USB-A output icon will appear on the LCD display when the USB-A port is turned on.

⑦  **USB-C Port Indicator**

The USB-C output icon will appear on the LCD display when the USB-C port is turned on.

⑧  **DC&Car Charging Port Indicator**

The Car Charging Output icon will appear on the LCD display when the DC&Car Charging Output is turned on.

⑨  **Battery Percentage**

⑩  **Current Input Power**

Shows the current input power of B600&B1200 in watts.

⑪  **Current Output Power**

Shows the current output power of B600&B1200 in watts. When all ports are closed, the current output power should be 0W.

⑫  **Bluetooth Indicator**

- A. To be matched: The icon flashes frequently;
- B. Matching: The icon flashes;
- C. Matched: The icon is lit.

⑬  **Wireless Charging Indicator**

The icon is off when no charging, the icon is on when charging.

⑭  **Fan Indicator**

The icon is on when the fan is running, the icon is off when the fan stops running.

4. Button Operation

(1) Long press the power button to power on the product, the LCD display will be lit and the main power indicator icon will appear on the LCD display. If do not turn on the output, this product will be turned off automatically 1 minute later. When the product is started, short press AC power button, DC power button or USB power button to turn on output(B600:Press USB power button to enable the wireless charging function). Long press to turn off.

(2) Long press LED power button to turn on/off the LED light. Short press to switch modes.(lighting mode -- alarm mode -- SOS mode -- lighting mode, cycle in order.) When the LED light is

turned on, it needs to long press the power button to turn off as it will not turn off automatically.

(3) APP Operation Guide (B1200) :

① Download the APP. China: download “YILIANWANWU” APP. America: download “Landbook” APP. Other regions: download “wonderfree” APP.

② Turn on the bluetooth of the phone and connect the phone to WIFI, then turn on the APP to search and add the B1200 power station, click “⊕” to add. (Note: Connecting the power station for the first time needs to connect working WIFI to the app.)

③ After connecting successfully, B1200_xxxx will show in the APP. When press the power button to turn on the power station, the APP will display that B1200_xxxx is online, click it to enter the app operation interface.

(4) When the power station is performing AC charging but the AC power button is off, long press the AC power button and DC power button for 2 seconds to switch the frequency and save it. This frequency cannot be switched when the battery is fully charged.

(5) When AC output is turned on, the fan stops after 3s rotation. The AC output will be automatically turned off if no devices loaded for 8 hours. (in the case of other functions are turned off).

(6) If AC output are in a short circuit or overload, AC indicator will flash and the buzzer (once per second) will sound and stop 1 minute later. (In the case of other functions are turned off, the power station will be turned off automatically.) AC supports charging and discharging at the same time. When the battery level is higher than 95%, charging will stop. When the battery level is lower than 90%, charging will start.

(7) When the battery capacity drains to 10%, recharging indicator icon will flash on the LCD display in 0.5Hz and the

buzzer will alarm synchronously, short press the AC power button or recharge to stop alarming. When the battery capacity drains to 5%, recharging indicator icon will flash on the LCD display in 1Hz and the buzzer will alarm synchronously, short press the AC power button or recharge to stop alarming. When the battery capacity drains to 0%, the output will be turned off and the buzzer will sound 9 times (once per second), short pressing AC power button and recharging can stop alarming during beeping.

(8) The USB output and DC output will be automatically turned off if no devices loaded for 5 minutes. The AC output will be automatically turned off if no devices loaded for 8 hours.

5. Recharging Ways

Note: Please fully charge the new product before using it for the first time. If this product is stored for a long time (3 months to 6 months)in the case of battery depletion, its function will deteriorate, even making it impossible to charge. It is suggested to regularly check the remaining battery and charge it to about 60%-80% if it needs to be stored for a long time.

AC charging

Connecting the equipped AC charging cable to the DC input port of the power station for charging. The charging battery level and charging input power will appear on the LCD display.

Car charging

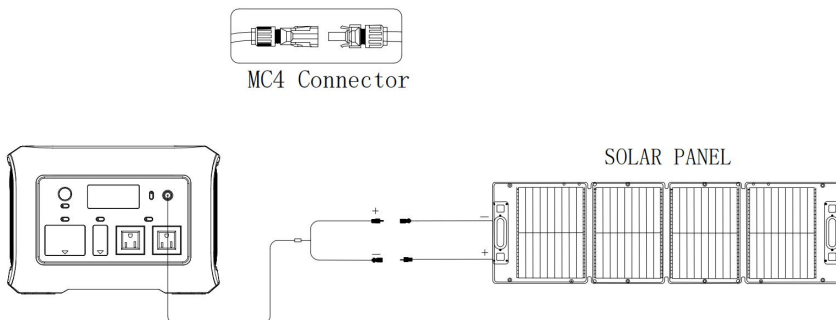
Please charging the power station after the car's ignition is turned on, so as not to cause any damages to car battery, for example, unable to start the car due to power loss. And please make sure car charging port and the cigarette lighter of the car charger cable are reliably connected. Our company is not liable for

any damages due to the failure to comply with the user manual.

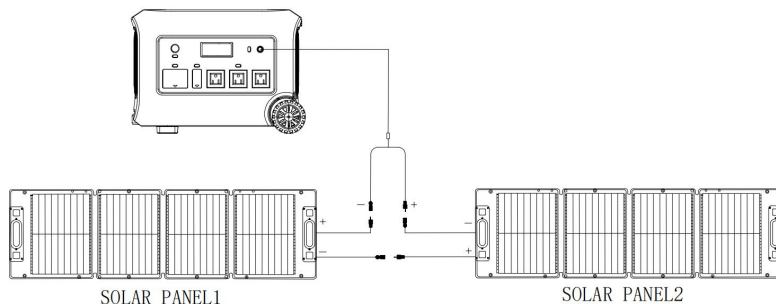
Solar Panel charging

Users can recharge the power station by connecting one or two solar panels as shown in follow pictures.

Connecting one solar panel



Connecting two solar panels



Note 1: B600 supports up to 200W solar panel charging. B1200 supports up to 400W solar panel charging.

Note 2: Solar panel is not included and needs to be purchased separately.

6. Warnings and Precautions

Before using this product, please comply with the basic

specifications, including:

- A. Please read all instructions carefully before using.
- B. To reduce the risk of injury, close monitoring is required when using this product near children.
- C. Using accessories recommended or sold by non-specialist product manufacturers may result in the risk of electric shock.
- D. Please pull the power plug out of the socket when the power station is not in use.
- E. It is forbidden to disassemble the product which may cause unpredictable risks such as fire, explosion or electric shock.
- F. It is forbidden to use this product with damaged wires or plugs, or damaged output cables, which may cause risk of electric shock.
- G. Please ensure proper ventilation while in charging. Do not restrict the ventilation of the product in any way.
- H. Please place the product in a dry and well ventilated place to avoid rain. Product immersed water may cause risk of electric shock.
- I. It is forbidden to place the product near heat sources, which may lead to safety accidents such as fire and explosion.
- J. It is forbidden to operate or place the product in high temperature (under direct sunlight or inside the car with high temperature), otherwise it may cause risks such as internal battery overheating, fire, malfunction or battery life shortened.
- K. It is recommended to recharge the product every three months to prevent low power when in use.
- L. This product has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used

in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this product in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

7. FAQs

Q: Can this product be brought on a flight?

A: No, because this is Lithium battery products. Under International Air Transport Standard we are not allowed to take any battery exceeding 100Wh on a plane.

Q: Why the devices can not be charged within the range of rated output power?

A: The battery of this products might be less than 20% capacity, which needs to be charged first.

B: The start power of some devices might exceed the peak power of this product, or the nominal power of some devices might exceed the actual power of this product. It is recommended to choose a product with higher power (watts) of our company to meet the needs of power supply.

Q: Why does this product sound when used?

A: This product adopts an air-cooled system, built-in fan to better dissipate heat, so it is normal to have slight noise when using.

Q: Is it normal for the adapter hot while charging?

A: It is normal. The equipped adapter meets national safety standards, please feel free to use it.

Q: Why does the output automatically turn off after being connected with the low power devices for several hours?

A: When connecting to a low power device, this product is set to

automatically turn off for a certain period of time to avoid battery drainage when forgetting to turn off the output during use.

8. Package List

Power Station *1 Car charger cable *1 User manual *1

9. Troubleshooting

Trouble	Description	Measures
Unable to recharge	(1)The AC power adapter and the product are not well connected with the mains supply. The charging indicator is not illuminated as well.	Please check whether the AC power adapter and the product are in good connection with the mains supply.
	(2)The AC power adapter and the product are well connected with the mains supply while the charging indicator is not illuminated.	The AC power adapter might be broken, please contact the after-sales service to deal with it.
	(3)The charging indicator is illuminated but the product can not be recharged.	This product might be broken, please contact the after-sales service to deal with it.
No output	(1)The devices are not well connected with this product cables.	Please connect again to make sure the devices and the product cables are well connected.
	(2)The output power button is not turned on.	Turn on the output power and then its indicator will be illuminated.
	(3)Product is in a low battery	Recharge the product.

	level.	
	Exclude(1) (2) (3) mentioned above, this product is still no output.	This product might be broken, please contact after-sale service to deal with it.
Output interrupted with devices connected	(1)The starting power or the nominal power of some devices might exceed the actual power of this product.	Please choose a power station with higher power (watts).
	(2)If the devices are low-powered, the power station will be turn off automatically in few hours later.	Non-product issues.Press the button to start again, re-timer off.
	Exclude(1) (2) mentioned above, this product is still unable to output.	This product might be broken. please contact after-sales service.

10. Warranty and Contacts

It is guaranteed to the user that in the case of normal use, the product will not have defects in the process and materials that affect the use of the product. This warranty statement sets forth the full and exclusive warranty obligations of the product, and our company will not assign or authorize any third party to assume any responsibility for the products we sell.

10.1 Warranty Period

The warranty period of our product includes 12 months Free warranty and 12 months extended warranty.The warranty period is effective from the date of purchase by the users. In order to protect your warranty rights, please keep the purchase certificate properly.

Warranty do not apply to:

- (1) The appearance of the product is damaged after use.
- (2) Users disassemble or repair the products on their own.
- (3) Any damage caused by users' intentional behaviors.
- (4) Any damage caused by force majeure, such as natural disasters, lightning or other accidents.

How to get a warranty service

To obtain warranty service, please contact +86-756-8628535.

Certificate

Inspector :

Date of inspection :

Zhuhai Jingding Technology Co., LTD

Website : www.jdpowertec.com

Service hotline : +86-756-8628535

Email: info@jdpowertec.com

Address: 1115, Building 2, No.1 Hagongda Road, 519085 Zhuhai City, China