

P Series Portable Power Station User Manual

Model:P300 & P600

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	P300	P600
Battery Capacity	18Ah@16V(288Wh)	24Ah@22.4V(538Wh)
DC Input	DC10-28V/5A	DC10-28V/8A
AC1 Output	Pure Sine Wave, Total Max.:300W	Pure Sine Wave, AC1+AC2 Total Max.:600W
AC2 Output	/	
USB-A 1/2 Output	QC3.0 18W(5V/3A,9V/2A,12V/1.5A)	
USB-C1 Input/Output	/	PD100W (5V/3A,9V/2A,12V/1.5A,15V/3A,20V/5A); Input/Output Supported
USB-C2 Output	PD60W (5V/3A,9V/3A,12V/3A,15V/3A,20V/3A)	PD65W (5V/3A,9V/3A,12V/3A,15V/3A,20V/3.25A)
DC1/2 Output	DC12V8A(Total Max.:96W)	
Car Charger Output	DC12V/10A,DC1/2+Car Charger Output:120W	
Wireless Charging	/	10W(Max.)
Operating Temperature	-10°C-45°C	

2. Product Appearance

P300A



P600A



3. Display Indicator

① High Temperature Indicator

When P300&P600 are in high temperature, the high temperature indicator will be lit. Please cool down the P300&P600 before using.

② Low Temperature Indicator

When P300&P600 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 in abnormal, the battery temperature indicator will be lit.

④  Remaining Charge/Discharge Time

⑤  AC Indicator

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

⑥  USB-A Indicator

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

⑦  USB-C(Type-C)Indicator

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

⑧  DC&Car Indicator

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

⑨  Battery Percentage

⑩  Current Input Power

Shows the current input power of P300&P600 in watts.

⑪  Current Output Power

Shows the current output power of P300&P600 in watts.

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. 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) When the product is started while AC output is turned off,

P300: holding the AC power button and DC power button for 2s can switch the frequency and save, cycle in order.

P600: holding the AC power button for 2s can switch the frequency and save, cycle in order.

(4) 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).

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

(6) **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.

(7) 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 adapter to the DC input port of the power station for charging. The charging battery level and charging power will appear on the LCD display.

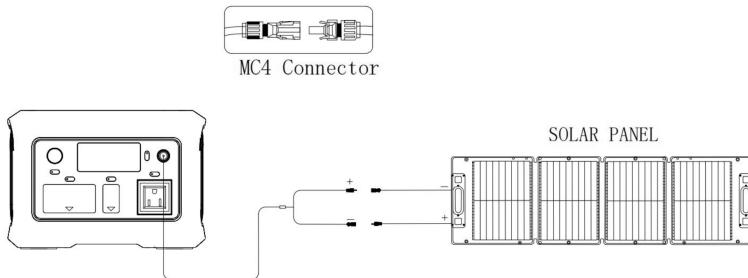
Car charging

Please charging the power station after the car's ignition is turned on, so as not to cause any damages to car battery, like 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.

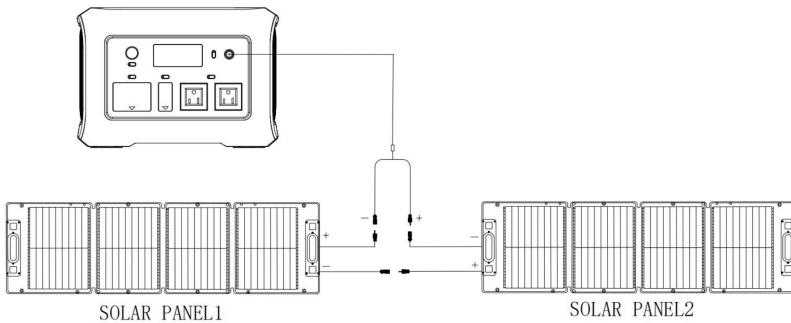
Solar Panel charging

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 : P300 supports up to 100W solar panel charging. P600 supports up to 200W 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:

- (1) Please read all instructions carefully before using.
- (2) To reduce the risk of injury, close monitoring is required when using this product near children.
- (3) Using accessories recommended or sold by non-specialist product manufacturers may result in the risk of electric shock.
- (4) Please pull the power plug out of the socket when the product is not in use.
- (5) It is forbidden to disassemble the product which may cause unpredictable risks such as fire, explosion or electric shock.
- (6) It is forbidden to use this product with damaged wires or plugs, or damaged output cables, which may cause risk of electric shock.
- (7) Please ensure proper ventilation while in charging. Do not restrict the ventilation of the product in any way.
- (8) Please place the product in a dry and well ventilated place to avoid rain. Product immersed water may cause risk of electric shock.
- (9) It is forbidden to place the product near heat sources, which may lead to safety accidents such as fire and explosion.
- (10) 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.
- (11) It is recommended to recharge the product every three months to prevent low power when in use.

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

AC power adapter*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 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 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 port is not turned on.	Turn on the output port and then its indicator will be illuminated.
	(3)Product is in low battery level.	Recharge the product.
	Exclude(1) (2) (3)	This product might be

	mentioned above, this product is still no output.	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 the product with higher power(watts).
	(2)If the devices are low-powered, this product 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

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

FCC Caution:

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

During the operation of device a distance of 15 cm surrounding the device and 20 cm above the top surface of the device must be respected.