

Portable Power Station

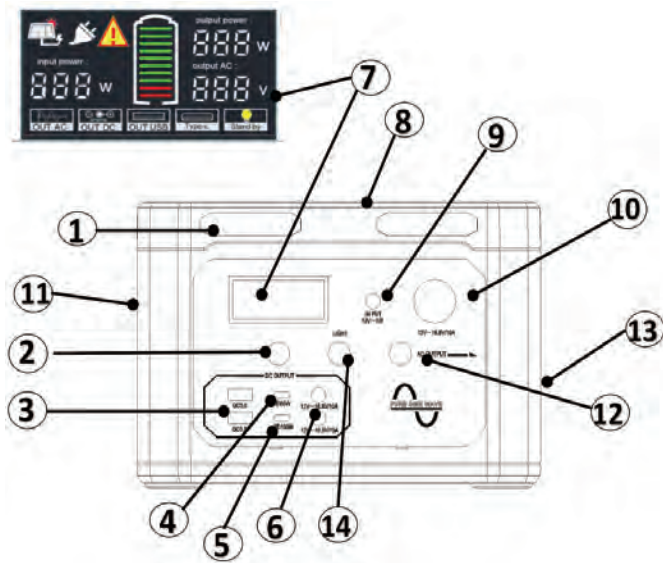
User Manual



Model: XD300 ☐

Model: XD500 ☐

A. Components Name



1. Lighting/Rescue lamp
2. DC starting switch
3. USB output interface quick charge QC3.0
4. Type-c bidirectional 65W interface
5. Type-c bidirectional 100W interface
6. 12V ~ 16.8V/10A output interface
7. Display screen

8. Wireless quick charge 15W
9. Charging input interface
10. Cigar lighter output port
11. Heat dissipation window
12. AC starting switch
13. AC output port
14. Lighting lamp starting switch

B. Parts List

S/N	Parts Name	Qty
1	Main engine	1
2	Adapter	1
3	User Manual、 Warranty	1
4	Product qualification certificate	1

C. Function Instructions

I. DC Discharge

1. Long press the “DC starting switch” for 3 seconds ② to turn on or off the DC, the DC ON icon on the power supply LED screen will illuminate, and all the DC output ports can be used normally. The display screen will display the current service power. (The local USB interface and Type-C interface have automatic wake-up function.)
2. QC3.0 18W/Type-C65W/Type-C100W : can charge equipment supporting fast charge .
3. Wireless charging: After turning on the DC power supply, put the mobile phone or device with wireless charging function on the icon for automatically charging, and the display screen will display the current service power.
4. Lighting lamp: Long press ⑭ the lighting lamp switch, the lighting lamp will light up. Click the lighting switch, the sharp-flash will turn on. Click again the lighting switch, the rescue lamp will light up. Click again OFF to turn off the lighting lamp.

II. AC Discharge

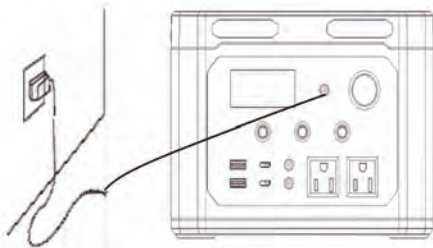
Long press “AC starting button for 3 seconds” ⑫ to turn on or off the AC function. The AC ON icon on the LED screen will illuminate/ the LED screen will display the current output voltage. In this case, insert the load randomly into AC output port 1 or port 2 to normally use the equipment, and the display screen will display the current service power.

(XD300: Please do not exceed the maximum output power 300W of this equipment for service load. If the load exceeds 300W, the power supply will enter the protection state and cannot be output. Remove the excess load and restart the power supply for normal use)

(XD500: Please do not exceed the maximum output power 500W of this equipment for service load. If the load exceeds 500W, the power supply will enter the protection state and cannot be output. Remove the excess load and restart the power supply for normal use)

III. Charging Equipment

1. Insert the standard adapter (15V/3A) provided by the original factory into the “adapter charging port” .
 2. Insert the output port of the vehicle cigarette lighter or solar panel (18V /60W) into the charging port .
 3. Insert PD charger into Type-C100W port (maximum input power: 100W)
- After any of the above three charging modes is inserted, the LCD display screen of the equipment will display the current charging power, and the battery symbol % will also display the battery charge quantity by cell.



D. Product Parameters —XD300

Product size: 224*190*156 mm

Product weight: 4.2Kg (net weight)

AC output voltage: 110V/220V

AC output power: 300W

DC output: QC3.018W(x2) Type-c: 65W Type-c:100W 12V-16.8V/10A(x3)

Wireless charging: 15W

Battery capacity: 86400mAh\319.68WH

Charging time: over 90% will be charged with the adapter after 7H

Charging time: Over 90% will be charged with PD100W after 3.2H

Storage temperature range: -10°C~65°C/14°F~149°F

Operating temperature range: 0°C~45°C/32°F~113°F

E. Frequently Asked Questions —XD300

Q: What kind of battery is it used for this equipment?

A: Lithium ion battery.

Q: Is it a pure sine wave or a corrected wave?

A: This is a pure sine wave.

Q: How long can this equipment provide power supply?

A: It depends on the power of your loading device, if it is a 100Wh device, this equipment can supply power for about 2.5 hours.

Q: What is the service life of this equipment?

A: About 1000 cycles.

Q: How long can 80% electric quantity of the equipment be stored?

A: Three to six months, but we recommend charging it every three months.

F. Troubleshooting

If the following “operations” cannot troubleshoot your problem, stop using the product and contact the manufacturer from whom you purchased the product.

NO.	Malfunction performance	Reason	Elimination method
1	No output for AC	1. The load power is too large, exceeding the maximum output of the product, resulting in automatic protection of the product. 2. The ambient temperature for use is too high.	1. Cancel some loads with excessive power. 2. Turn off the power supply and wait for cooling.
2	No output for DC	The load current is too large, exceeding the maximum output of the product, resulting in automatic protection of the product	Restart it once and then it can be used normally

H. Toxic and Harmful Substances

Composition and quantity of toxic and harmful substances					
Pb	Hg	Cd	Cr(VI)	PBB	PBDE
0	0	0	0	0	0
0: It indicates that the content of harmful substances in all homogeneous materials is below the limit specified in the standard 2011 / 65 / EU (RoHS).					

I. Warnings

When using this product, please pay attention to the input and output voltage range to check whether the input voltage and power range required by your devices are within the range of energy storage power supply. Correct use can prolong the service life of the energy storage power supply.

1. The energy storage power supply needs to be stored in a dry environment, and the correct storage method can prolong the service life of the energy storage power supply.
2. If the product is not used for a long time, please charge and discharge the product once every 3 months to improve the service life of the product battery cell.
3. Do not place the product at too high or too low temperature. Too high or too low ambient temperature will shorten the service life of electronic products and seriously damage the product shell.
4. Do not wipe the product with corrosive chemical solvents. Appearance stains can be scrubbed with cotton swabs with a small amount of absolute alcohol.
5. When using the product, please handle the product gently, do not fall or disassemble it violently.
6. Because the product is with high pressure, do not disassemble it by yourself, so as to avoid possible safety accidents.
7. This product will not be warranted if it is disassembled by you yourself.



Do not use it in wet places such as bathrooms or where water may come into contact



Please do not transform or remove the battery



Please be careful not to allow young children to come into contact with the equipment



Please do not reversely connect the output or input



Please do not put the product into fire



The temperature range shall be maintained at specified 0°C-60°C during charging



Please do not hit or throw the product



If there is any abnormality or fault during charging, please contact your dealer



Do not put the product on flammable substances (bed or blanket) when charging

D. Product Parameters —XD500

Product size: 224*190*156 mm

Product weight: 5 Kg (net weight)

AC output voltage: 110V/220V

AC output power: 500W

DC output: QC3.018W(x2) Type-c: 65W Type-c:100W 12V-16.8V/10A(x3)

Wireless charging: 15W

Battery capacity: 129600mAh/479.52WH

Charging time: over 90% will be charged with the adapter after 10H

Charging time: Over 90% will be charged with PD100W after 5H

Storage temperature range: -10°C~65°C/14°F~149°F

Operating temperature range: 0°C~45°C/32°F~113°F

E. Frequently Asked Questions —XD500

Q: What kind of battery is it used for this equipment?

A: Lithium ion battery.

Q: Is it a pure sine wave or a corrected wave?

A: This is a pure sine wave.

Q: How long can this equipment provide power supply?

A: It depends on the power of your loading device, if it is a 100Wh device, this equipment can supply power for about 4 hours.

FCC Warning Statement

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.

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45-30 MHz.