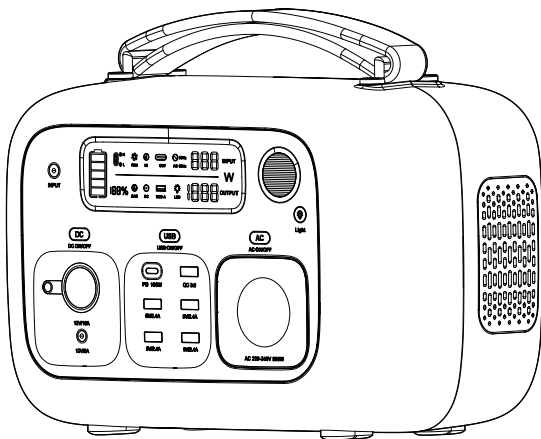


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# 500W Portable Power Station

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## Manual



RoHS  
Made in China

FC



PS  
E

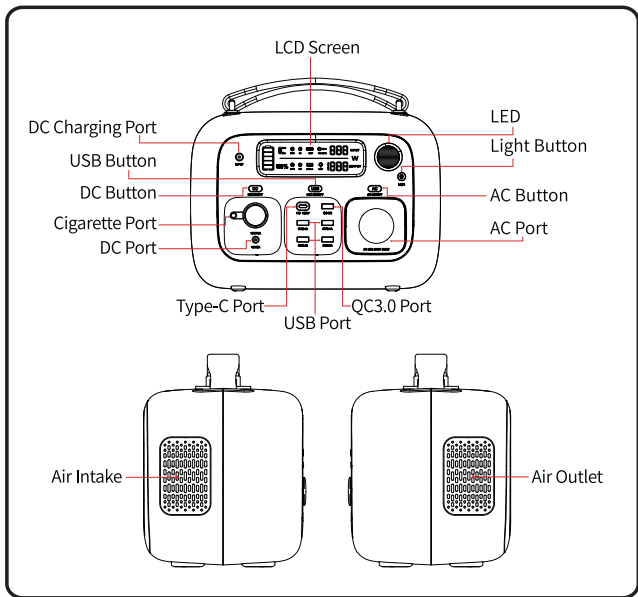
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# Content

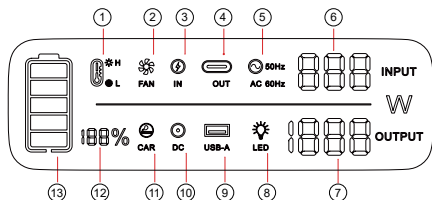
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# Product Introduction

- This product is a portable power station, suitable for family emergency power cut, outdoor travel, emergency relief, field work and other scenarios.
- The product has a built-in lithium battery, which supports adapter, car charger, photo-voltaic panel and other charging methods, AC port output 110V/60Hz sinusoidal alternating current, and a number of USB ports supply for lighting, ventilator, electric fan, router, notebook and other equipment.



# LCD Screen Introduction



- |                                   |                        |                                   |
|-----------------------------------|------------------------|-----------------------------------|
| ① High/Low Temperature Protection | ⑤ AC Output Indicator  | ⑩ 12V-DC Port                     |
| ② Fan Status                      | ⑥ Charging Power       | ⑪ Cigarette Port Output Indicator |
| ③ DC Port Charging Indicator      | ⑦ Discharge Power      | ⑫ Battery Percentage              |
| ④ Type-C Output Indicator         | ⑧ LED Indicator        | ⑬ Battery Indicator               |
|                                   | ⑨ USB Output Indicator |                                   |

## Operation Instructions

### How to turn on the system and check the battery?



- Short press any button to turn on the system, you can check the remain battery power, and switch on the corresponding port output.
- Insert the charger into the charging port to automatically turn on the system, you can check the current battery level.

**Notes:** During the first use or long-term non-use situation, if any button fails to turn on the system, please plug into a charger for charging, and try again.




# Operation Instructions

## How to recharge the device?

※ DC port charging:

- Please plug the standard adapter into DC Input port, LCD screen will light up automatically, indicating the current charging power, in the meantime, the battery indicator icon blinks and the icon  lights up. When the charging is finished (the battery percentage is 100%), the LCD screen will turn off automatically. INPUT  
150W MAX 
- Use non-standard adapters, such as optional car charger, photo-voltaic panel, need to be equipped with adapter. Charging voltage range is 12-30V, DC port maximum charging power is 150W.


## How to use AC function?

- Short press the AC button to turn it on, showing with the AC 220-240V Output icon  light up, means that the device is ready for supplying power. Another short press AC button to turn it off, the AC 220-240V Output icon  light off. 

- Support rated AC up to 500W





Notes:

- 1) After using the AC function, please make sure it is well turned off.
- 2) When the output is overloaded or short-circuiting,  flashing, buzzer alarm.

# Operation Instructions

## How to use Cigarette Port and OUT DC Port?



- Plug the qualified cigarette lighter into the Cigarette Port, press the DC button, the Cigarette Port icon  and DC icon  on the screen will light up together, which means that the device is ready for supplying power. Short press the DC button to turn off both ports.
- When the Cigarette Port and DC5521 Port are turned on at the same time, the maximum total output power is 120W(12V/10A).



12V/10A



OUT 12V/6A

 **Notes:** When the output is overloaded or short-circuiting,  flashing, buzzer alarm.

## How to use USB and PD?

- Short press USB button to turn USB-A Port on, which is used for digital devices such as mobile phones, cameras, tablets and so on, when the device is full charged or plugged out, it will turn off automatically.
- Type-C Port: short press USB button, it will automatically turn on after inserting the load, and automatically turn off when remove



PD3.0



QC3.0



5V/2.4A





5V/2.4A



5V/2.4A



5V/2.4A

 **Notes:** When the output is overloaded or short-circuiting,  flashing, buzzer alarm.

## How to use the lights?

- Short press the Light Switch to turn on the LED light (normal mode). After that, each short press the Light Switch once, the LED light will turn orderly from normal mode to SOS, flash and turn off the LED light. Long press the Light Switch to turn off the LED Light in any mode.



Light

# Product Parameters

Product Name	Power Station
Model	P501E
Product Size	L*W*H=276*177*213mm
Product Net Weight	5.6 kg
Rated capacity	505Wh, rated voltage 21.6V
Charging Input	12-30V 150W MAX
Charging Mode	DC port: 1.adapter output 12-24V, current 1A above can be used; 2.The maximum power of the photo-voltaic panel is 150W within 30V
	Solar Panels: The charging time depends on the power of the solar panels and the intensity of sunlight
AC Output	220-240V/50Hz, 500W
QC3.0	5V/9V/12V (18W)
USB	5V/2.4A ( 4 USB ports total maximum output current is 6A)
Type-C	5-20V/5.0A,100W MAX (PD3.0)
DC	12V/6A
Cigarette Port	12V/10A
Standby Current	<800uA
Working Environment Temperature	0-45°C
Working Environment Humidity	≤90%RH

# Battery Pack Parameters

Type of battery	18650 lithium battery
Single cell rated voltage	3.6V
Single cell rated capacity	2600mAh
Battery pack rated voltage	21.6V
Battery pack output voltage range	18.0-25.2V
Battery pack rated capacity	505Wh
Battery pack maintenance	Over 3 months not using, should be recharged once

## Problems and Resolutions

Unusual Phenomena	Possible Cause	Resolution
Access load buzzer alarm	The connected load exceeds the output capacity of the interface or is short-circuited, triggering overload protection.	The power of the connected device shall not exceed the power of the output interface.
Buzzer sounds during use, temperature icon flashes		1. Please check whether the fan is running normally and ventilated. 2. Please turn off the output and restart the machine when it cools down.
Unable to charge		Please check whether the adapter is well connected to the charging port.



# Packing List

Product standard accessories:	Portable power station	<input checked="" type="checkbox"/>
	Adapter	<input checked="" type="checkbox"/>
	User manual	<input checked="" type="checkbox"/>
Optional accessories:	Photo-voltaic panel	<input type="checkbox"/>
	Car charger	<input type="checkbox"/>
	AC adapter	<input type="checkbox"/>

## Notes

- Children must be accompanied by an adult.
- Do not charge the product with a charging device that does not meet the specified parameters.
- Do not use this product when the output is under short circuiting.
- Please ensure that the air intake and outlet are unblocked when using.
- Do not use near fire, high temperature, humidity, flammable and explosive environment.
- If the battery is swollen, leaking or smelly, stop using it immediately.
- Do not disassemble the product by yourself, otherwise it may cause safety accidents.
- Please turn off the power when the product is idle, store the product in a dry place, away from high temperature and corrosive materials.

# Warranty

## Warranty Card

Warranty regulations: in order to serve you better service, please complete the table, \* is required.

* Product Name	* Purchasing Date	* Product Model
	yy/mm/dd	
<b>Customer Information</b>		
Purchasing Store		
* Customer Name		
* Tel.		
Address		
<b>Reparation Record</b>		
* Fault cause and treatment	* Delivery date	* Signature

### [ Warranty Policy ]

We provide non-man-made damage warranty service for 12 months from the date of purchase:

- In case of any quality problem under normal use, warranty shall be provided.
- Product sold with a manual and a warranty card, please take care of it after filling in, as warranty evidence.
- If the warranty label is damaged or the warranty card is not signed or sealed by the sales store, no warranty will be granted.
- The damage caused by charging the product with a charging device that does not meet the specified parameters will not be guaranteed.
- Not within the scope of warranty, we can provide maintenance services, the cost of maintenance shall be borne by the customer.

As we update our products constantly, we reserve the right to change the technical specifications without prior notice.