

User Manual

**ATTENTION:**

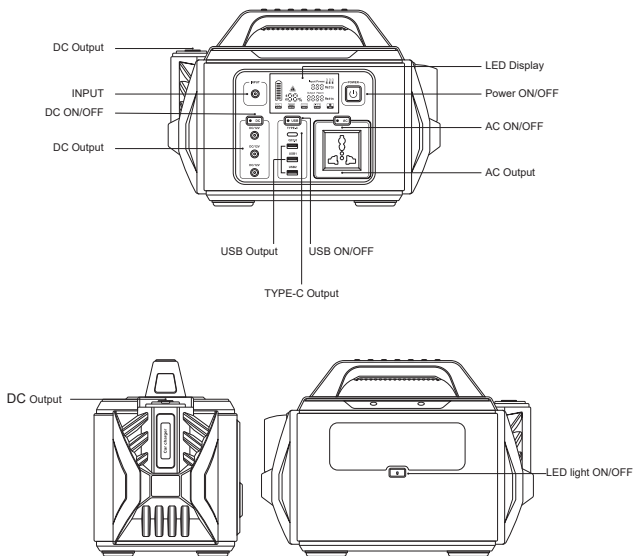
AC output voltage and frequency will be different depending on different countries or areas. Please refer to the actual product before using.

Thanks for purchasing our portable solar generator power station. Please read this manual carefully before use and keep it for review.

This manual helps you to operate this device correctly. But it is not the introduction of the soft & hard ware configuration. Any configuration of products. Please refer to the related contract or consult with your distributor. The images in this manual are for reference only.

Thank you!

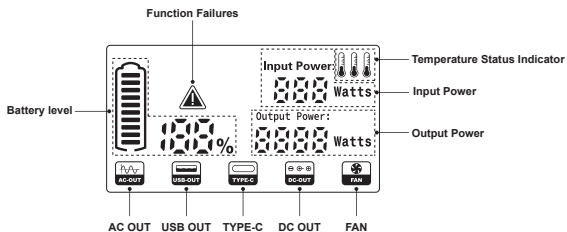
Product Description



Specifications

Model	M306
Battery Capacity	14.8V 20000mAh 296Wh
Rated Power	300W,Peak 600W
Battery Type	High Quality Lithium ion Batteries
Charge Input	CC/CV 19V/3A
AC Output	100V~120V or 220V~240V 50Hz/60Hz
USB Output	2*5V/2.4A
QC 3.0 Output	5V/3A,9V/2A,12V/1.5A
DC Output	3*12V/8A max
Type C Output	PD 45W:5V/3A, 9V/3A, 12V/3A,15V/3A
LED Flashlight	3W
Solar Charge Input	18V~30V 4A max
Output Waveform	Pure Sine Wave
Gross Weight	About 4.1 KG
Product Size	L285*W155*H205 mm
Operation Temperature	-10°C (14°F) ~60°C (140°F)
Protection Circuit	Short circuit Protection
	Over current Protection
	Over power Protection
	Over discharge Protection
	Over charge Protection
	Over-temperature Protection
Package included	1 x Portable Power Station
	1 x AC Adaptor
	1 x Power cable
	1 x Car charger
	1 x User Manual

LED Display



Battery Level Indicator

Show the percentage of the power. If it shows 0%, please charge it immediately.

Fan Indicator

The fan automatically turns on when the battery temperature gets high.

Current Input

Show the current input power in watts.

Current Output

Show the current output power in watts.

Temperature Status Indicator

Green light: Under normal temperature

Yellow light: Cooling fan starts working when the battery temperature is over 50°C

Red light: Over-temperature warning indicates that the temperature of the product is too high. Please cool down before using it again.

Function Failures Warning

When short-circuit, low voltage, or exceeding maximum current/power limit take place, the Function Failure sign will show on display, and the corresponding outlet indicator will flash simultaneously for 60 seconds. At the same time, it automatically stops running immediately. Please remove the overloaded devices and then restart the power station to resume work.

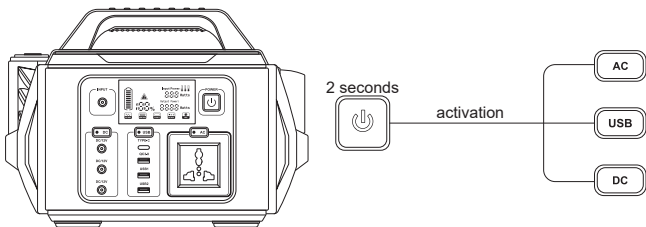
How to use your portable power station?


1.Power ON/OFF

Turn on the product: Press and hold the master POWER button for 2 seconds to turn on the product, the LED indicator light and the display screen will light up.


Turn off the product: Press and hold the master POWER button for 2 seconds to turn off the product, the LED indicator light and the display screen will turn off.


It will switch off within 10 seconds automatically when there is no load.



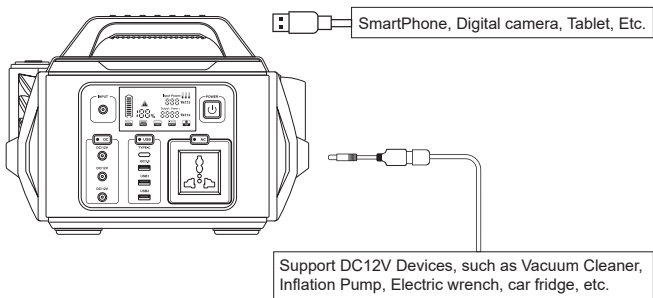
Remark: please make sure the product is turn on , or you can not turn on AC/DC/USB output.

2.DC Output ON/OFF



Turn on DC output: Press and hold the DC power button to turn on the product, the corresponding LED indicator light will light up and the display screen will show “  ”



Turn off DC output: Press and hold the DC power button to turn off the product, the corresponding LED indicator light and the display screen “  ” will turn off.

It will switch off within 1 hour automatically when there is no load.





3.USB Output ON/OFF

Turn on USB output: Press and hold the USB power button to turn on the product, the corresponding LED indicator light will light up and the display screen will show “  ” and “  ”.

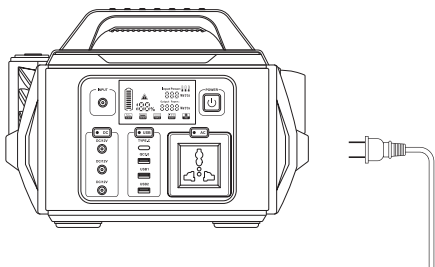
Turn off USB output: Press and hold the USB power button to turn off the product, the corresponding LED indicator light and the display screen “  ” and “  ” will turn off.

4. AC Output ON/OFF

Turn on AC output: Press and hold the AC power button for 2 seconds to turn on the product, the corresponding LED indicator light will light up and the display screen will show “  ”.

Turn off AC output: Press and hold the AC power button for 2 seconds to turn off the product, the corresponding LED indicator light and the display screen “  ” will turn off

It will switch off within 3 hour automatically when there is no load.

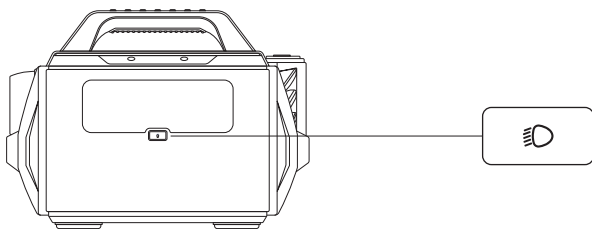


According to the power station you currently have, limited device wattage < 300W, such as laptop, fan, TV, CPAP, etc can be charged. AC will shutdown when it's short circuited or power overloaded. Remove the device to recover from short circuit or overpower protection.

5. LED Light

Turn on LED light: Press and hold the LED button for 2 seconds to turn on the light, then one more click to switch the modes, it's High light, Low light, SOS and Strobe.

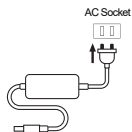
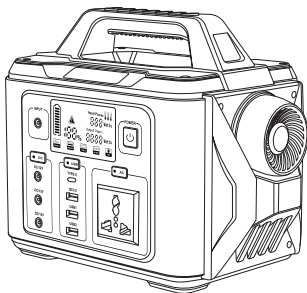
Turn off LED light: Press and hold the LED button for 2 seconds to turn off the light.



How to charge the Portable Power Station?



1. Charge by AC adaptor

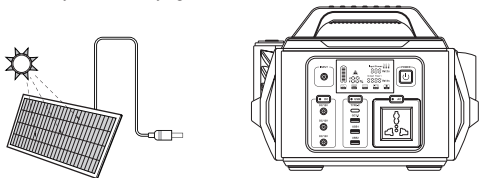
- Please connect our original adaptor to the household AC socket, connect the DC plug of standard charging adapter with the DC input interface (⊙) of this product, and you'll know the unit is charging when the battery icon (🔋) lights up with the light twinkling at the same time. When the product is fully charged, the battery icon will fully light. After the power station is fully charged, please remove the charger in time.



▲ Charging this unit with AC adaptor

2.Charge by Solar Panel

- Place your solar panel where it will get as much direct sunlight as possible.
- Plug the output of the solar panel(DC 5.5*2.1mm) into the input of the unit to start charging. Connect with the DC input interface  of this product. You'll know the unit is charging when the battery icon  lights up. When the product is full of power, the battery icon will fully light.



Frequently Asked Questions

1. Can the product be carried on the plane?

No. According to international air transport standards, the lithium battery should not exceed 100Wh. You can not board the plane with the product because the built-in battery is 296Wh.

2. Why the device sometimes power is not available within 300W?

- a.The power station's power is less than 20%, and it needs to be charged in time.
- b.The instantaneous starting power of your equipment is larger than the peak power of the power station, or the nominal power of the equipment is larger than the actual power of our power station. It is recommended to choose our larger power products.

3. Why is there a sound when the product works?

The power station built-in cooling fans system. The built-in fan can better help the product to dissipate heat to achieve a high conversion rate. It is common to have a slight noise during use.

4. Is the charger(adaptor) heating up normally while the product is charging?

It is normal for the charger to heat up during charging. The standard charger conforms to national safety standards.

Product Application Skills

- 1) This product is built in high quality original lithium ion battery. It has no memory effect but high-capacity, and it is durable. However, we still recommend you to apply in the range of 10 °C ~30 °C, so as to obtain the optimal charging capacity.
- 2) When charging, in order to avoid interference, please stay away from TV, radio and other equipment.
- 3) If the device has not been used for a long time, please disconnect the cable and store.
- 4) Some portable devices may need to be set in charge mode to charge. Refer to the corresponding equipment use manual for more information.
- 5) After starting, if there is no any output, it displays to automatically shut down within 60 seconds, so as to achieve better energy-saving effect.
- 6) Please deal with scrap products in accordance with the regulations, do not treat the built-in battery as a household garbage, so as not to cause the explosion and pollution.
- 7) The product is only used for emergency power station which can not replace the standard DC or AC power of household appliances or digital products.
- 8) Your device has and internal, non-removable, rechargeable battery. Do not attempt to remove the battery, as you may damage the device.



To preserve lifespan
recharge every 3 months



Use original
or certified cables



Don't expose
to liquids



Don't disassemble



Avoid dropping



Avoid extreme
temperatures