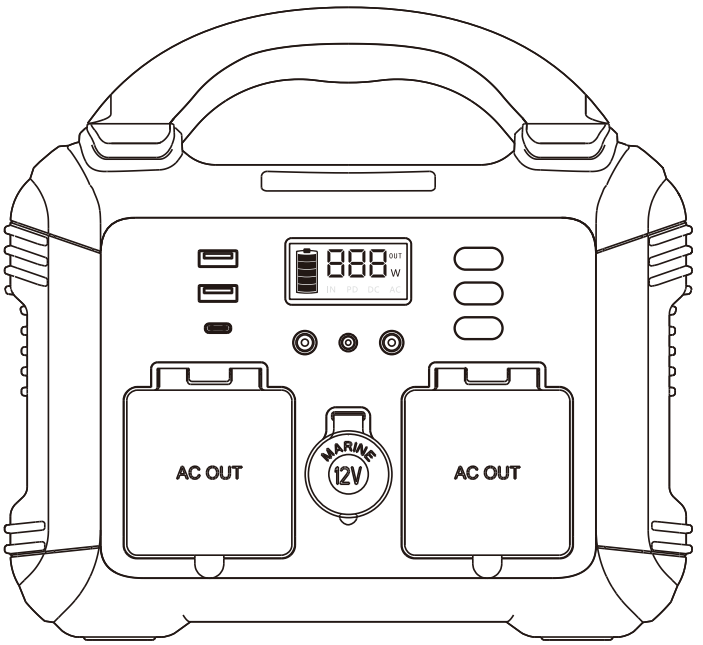
Newsmy

S300 User Manual



Thank you for choosing our products!

Please read the instructions carefully, follow the instructions in the operation manual, and use the product correctly, so that you can familiarize yourself with the product more conveniently and quickly!

⚠ Warm reminder

The specifications and pictures in this manual are for reference only.

This product is only used in emergencies and cannot replace the standard AC power supply for household appliances or digital products.

AC outlet and power adapters would be different depending on the locations of customer.

Please use S300 in its operating temperature range. Using S300 outside of its optimal operating temperature range can push the machine beyond its safe limits. Do not submerge your S300 in water. It is not waterproofed and this will void your warranty. Please keep S300 upright and do not block the ventilation Fan while using S300.

Important

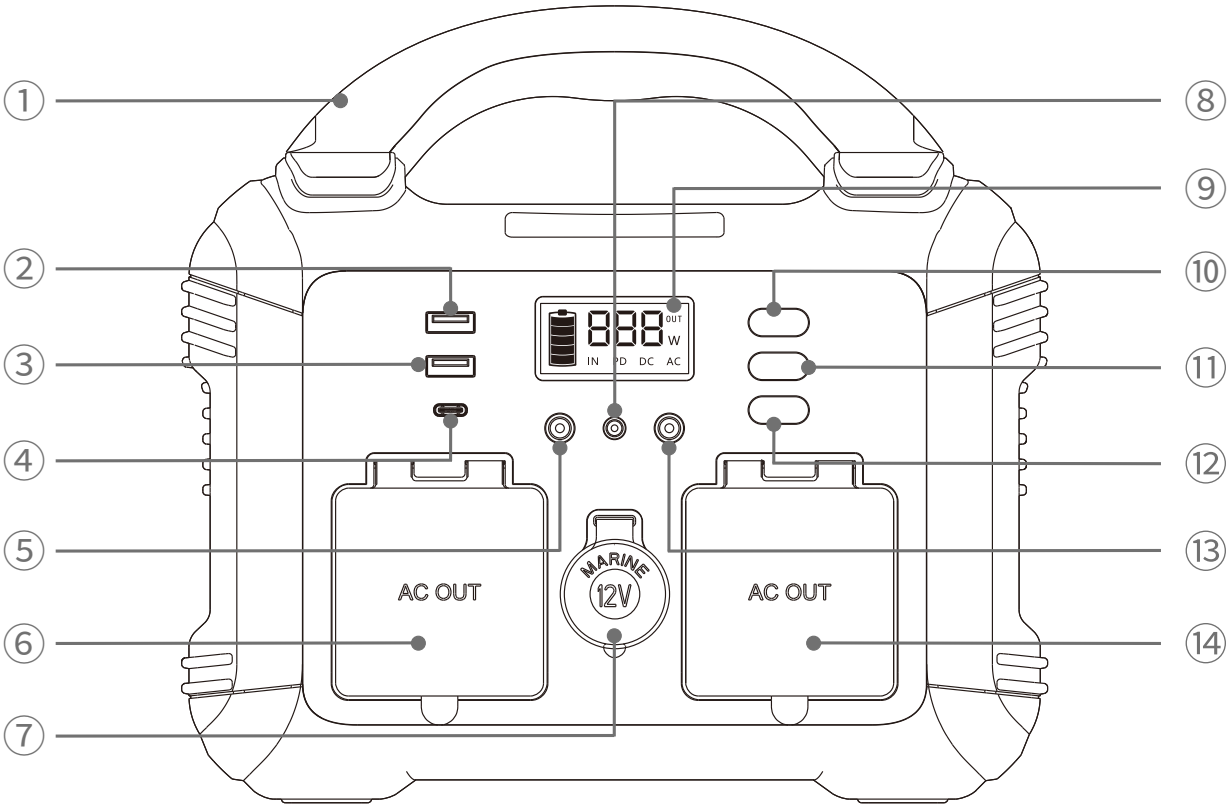
What you need to know about LMFP(LiMnxFe1-xPO4) batteries?

LMFP batteries have an extremely long life and superior safety, capable of 2,000 cycles, 4-6 times longer than other lithium-ion batteries. Excellent thermal and chemical stability makes LMFP batteries safer than other lithium-ion batteries. In addition, LMFP batteries have a lower capacity loss than lithium-ion batteries, making them more suitable for use at high frequencies. It should be noted that when a LMFP battery is not used for a long time, it automatically enters a dormant state. In this state, the capacity of the battery is much lower than the actual capacity, so you may experience a rapid depletion of power when you first use the product after receiving it - this is not battery damage, but a normal condition that can occur with all LMFP batteries. Please be assured that LMFP batteries are easily activated, and after just 3-5 normal charge and discharge cycles, the battery will be activated and returned to normal capacity. Therefore, if you experience a rapid depletion of power when using the product for the rst time, please fully charge and try again.

Because of this characteristic of LMFP batteries, we recommend that it is best to recharge the product every two months, even if you do not use it for a long time.

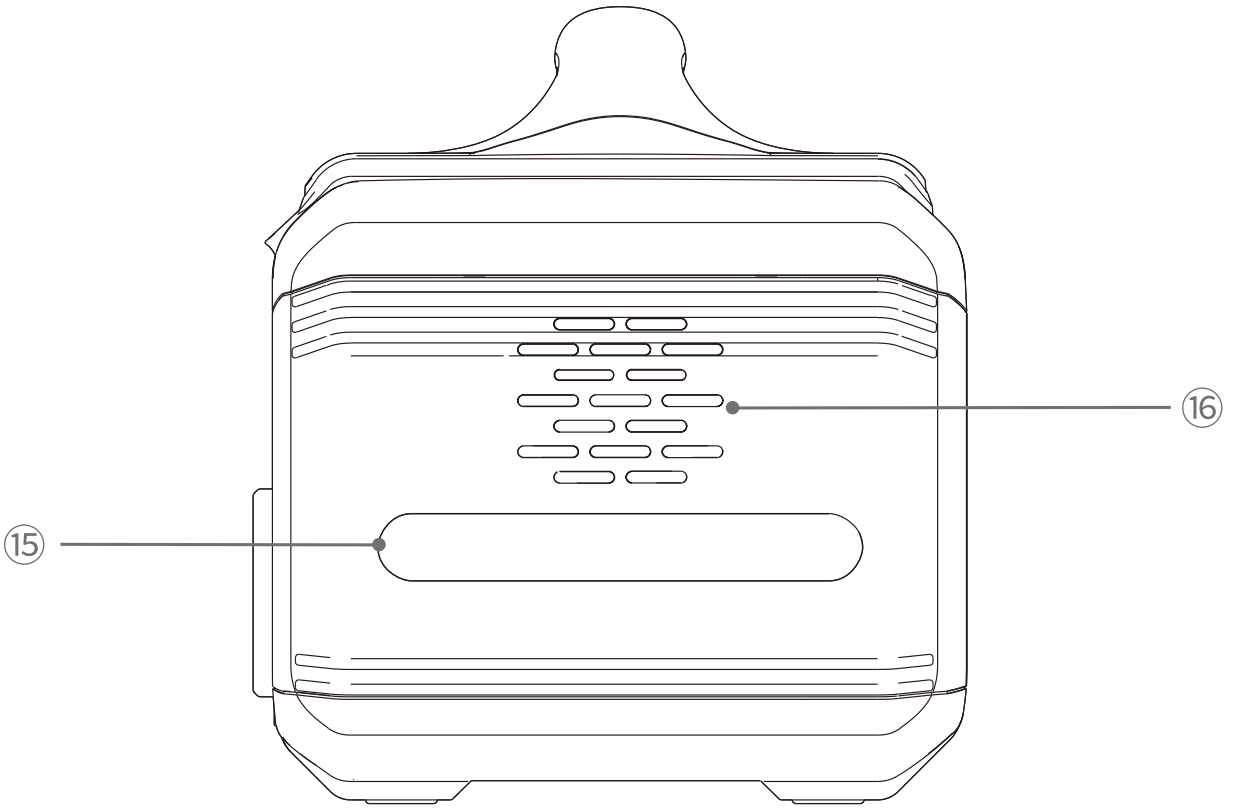
Product Details

Front



①	Handle	⑧	DC input
②	QC3.0 output	⑨	LED display
③	USB output	⑩	Power button
④	Type-C input/output	⑪	AC button
⑤	DC output	⑫	LED light
⑥	AC output	⑬	DC output
⑦	Cigarette Lighter	⑭	AC output

Side



⑮	LED lamp	⑯	Fan hole

Product functional features

1. The product has a large battery capacity, small size, light weight, easy to carry, and flexible use in multiple scenarios.


Traveling


Camping


Outdoor adventures

2. The product has an AC output function, which can provide emergency power to fans, mini refrigerators, light bulbs, rice cookers, etc.


Fan


Mini rice cooker


Light bulb

3. The product has a DC output function, which can charge mobile phones, tablets, digital cameras, laptops, etc.; The product has multiple DC output interfaces, which can charge multiple digital products at the same time.

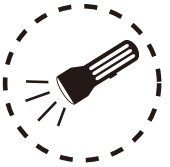

Laptops

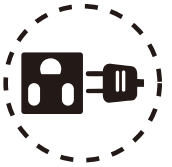

Tablets


Phones

4. The product has LED lighting function, adopts high-brightness LED, is strong and durable, and is necessary equipment for outdoor activities; LED lights have high-brightness lighting, brightness adjustment, flash, SOS signal and other modes.


Safety in use

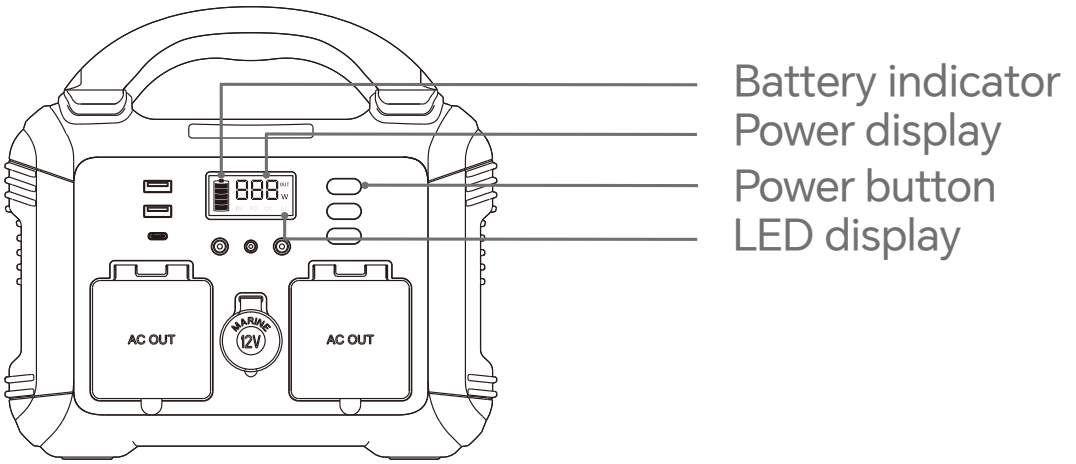

Emergency lighting


Outdoor energy

Guidelines for use

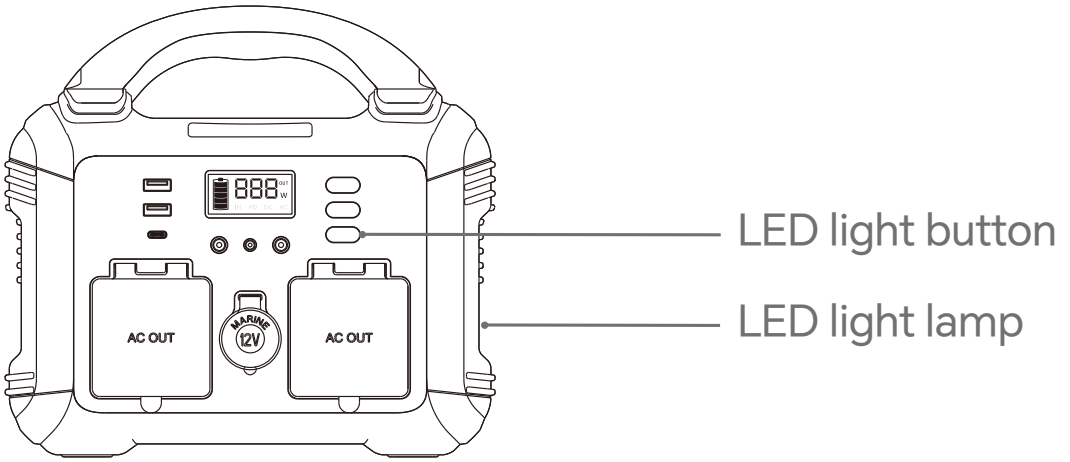
1. Start up

Press“Power button”for 2 seconds, and the product will start; The LED display will light up, showing the current power and output. The fan will automatically turn off after 3 seconds after the fan starts self-test.



2.LED lighting

After the product is turned on, short press the “LED light” button to start the LED lighting to be always on. When the LED light is always on, long press the “LED light” button to adjust brightness, and short press can switch the light mode(Always on, low light, SOS, flash, off).

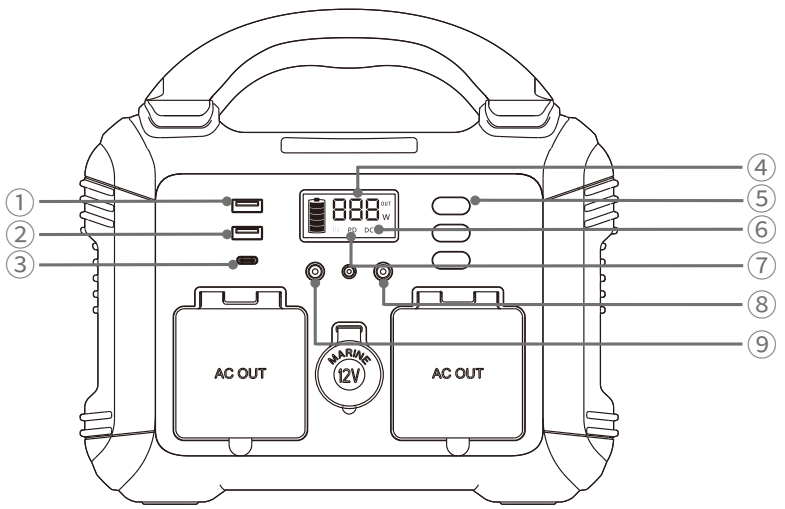


3. DC output

1 After the device is turned on and started, connect digital products to the device through the corresponding cable, which can charge your digital product and display the real-time charging power.

2 When charging through the Type-C output interface, the PD icon on the display scrren lights up; When charging through the USB and DC output interfaces, the DC icon on the display screen lights up.

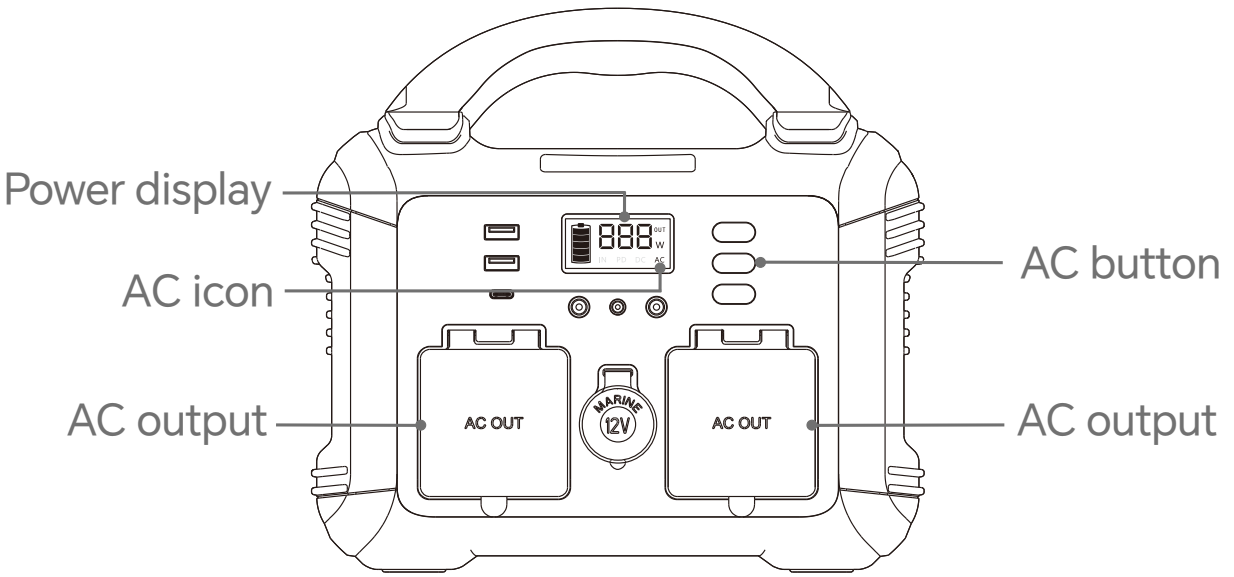
3 When charging your digital products through multiple output interfaces at the same time, the total output power is displayed on the display screen.



① ② ③	USB Output/Type-C Output
④	Output Power
⑤	Power Button
⑥	DC Icon
⑦	PD Icon
⑧ ⑨	DC Output

4. AC output

After the device is turned on, short press the “AC button” to start the AC output, and then plug the equipment that needs power supply into the AC power output interface for power supply. When you don't need to use the AC output function, first press the “AC button” to turn off the AC output, and then unplug.



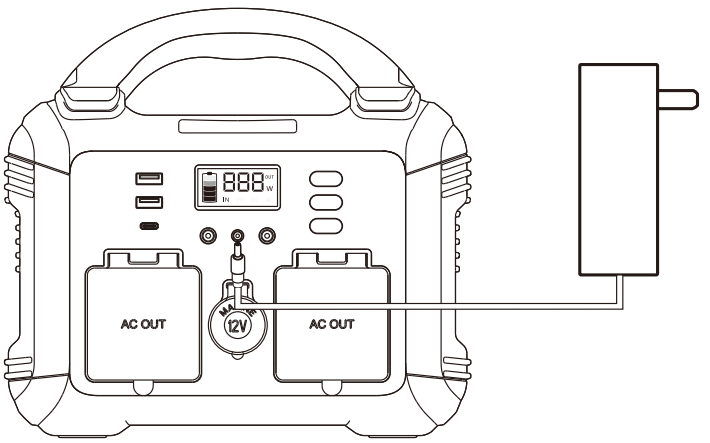
When you turn on the AC switch to start AC output, the AC icon lights up and displays the output power.

Can S300 power my devices while it's charging?

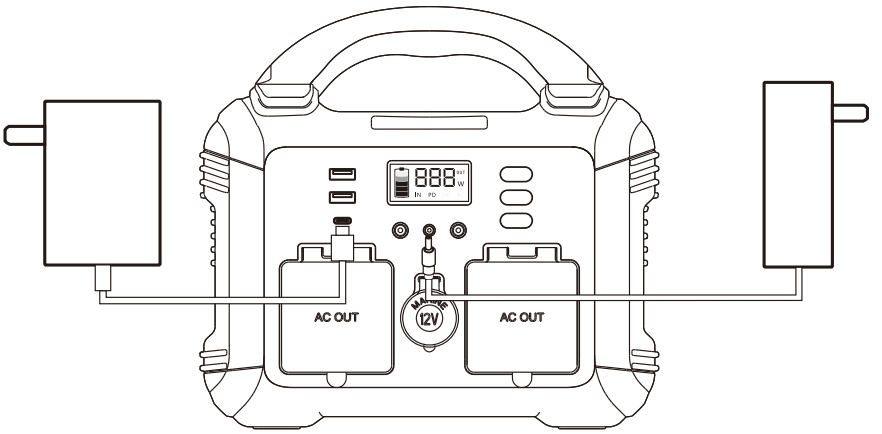
Yes, S300 can be charging and outputing power in the same time. When you are charging S300.we do not recommend connecting an electrical appliance with a power over 300w for discharging, becau sethe current capacity of the wall outlet is limited.

5. How to charge the product

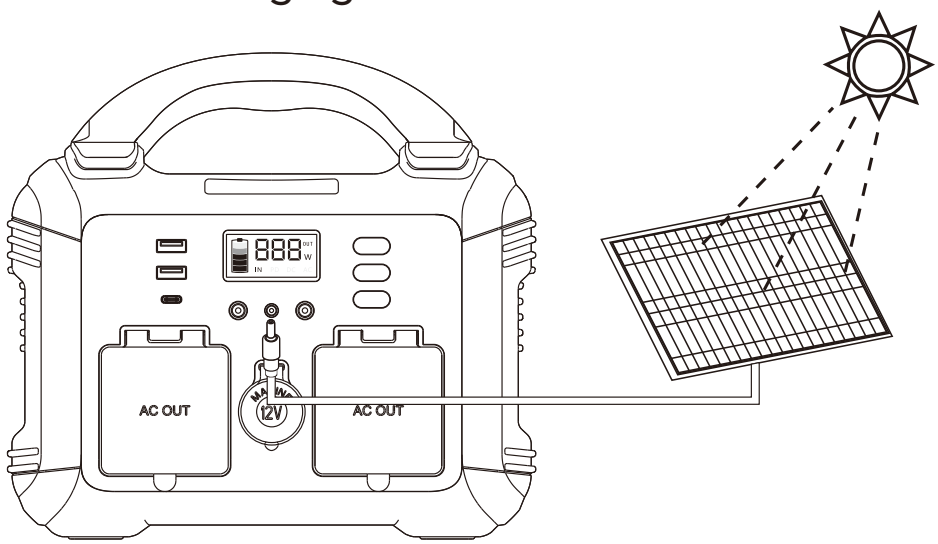
1 When you need to charge the product, please plug the delivered power adapter into the DC input interface and connect the mains power to charge. When charging, the IN icon and the power icon flash and display the charging power, when fully charged, the 5-bar power icon is always on.



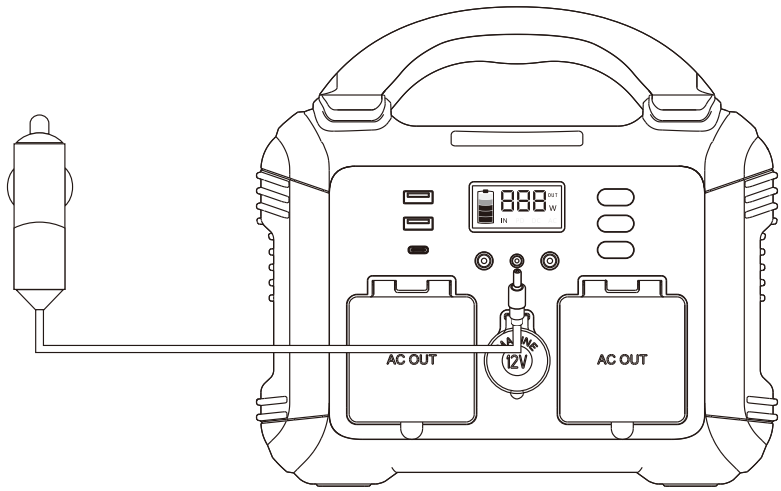
2 You can also charge the product through the Type-C interface at the same time, which enables the product to be fully charged faster. When charging through Type-C and DC at the same time, the IN icon, PD icon and power icon flash and display the charging power; when fully charged, the 5-bar power icon is always on.



3 In the open air, you can also charge the product through solar panels. The product is built-in MPPT controller, which can detect the power of solar panels in real time and track the highest power value to meet the maximum power of the solar panel/product for charging.

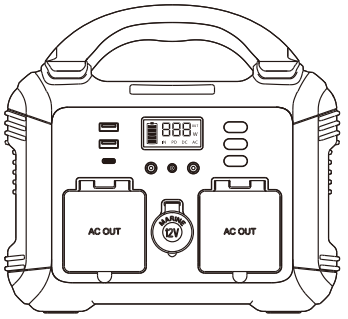


4 In car, you can charge the product through car charger.



Warm reminder: The product is equipped with DC35135 power adapter as standard, other charging equipment is optional, if you need it, please contact your dealer.

Product accessories list



Main device*1



Power adapter*1



User Manual*1

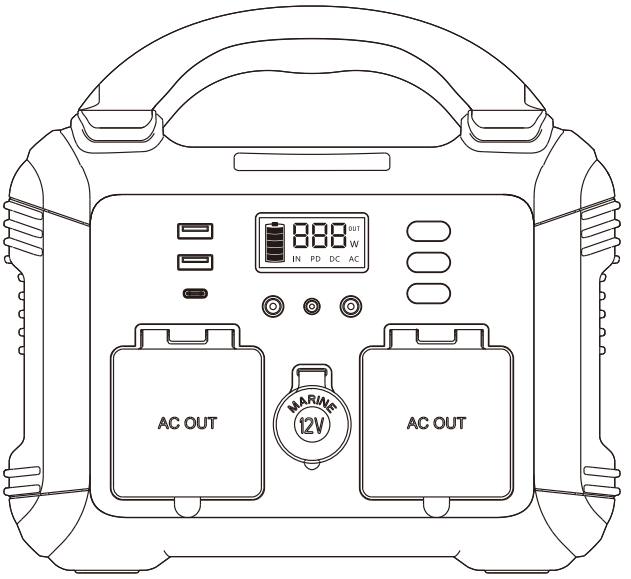
⚠Attention

1.If you do not use the product for a long time, you are advised to keep the battery at a certain capacity and charge the product at least once every three months.
2.During use or charging, if the device heats slightly, it is normal, not a failure.
3.It is recommended to use this product at room temperature and stay away from humidity, high temperature and fire sources.
4.Please keep the product in a dry place, away from wet and corrosive materials.
5.Do not scrub with rough chemicals, such as soap or detergent.
6.If you find that the battery is swollen, leaking or has an odor, please stop using it immediately.
7.Be careful to avoid falling the product when using it.
8.Please place the product out of the reach of children. If children need to use the portable power station, it needs to be operated by parents according to the instruction manual.
9.Please do not litter or burn the abandoned portable power station. Please take care of the environment.

Failure code

Code	Description	Remove failure code
E01	DC output overload	After overload removed, short press power button
E02	DC output short circuit	After short circuit removed, short press power button
E03	AC overload/ short circuit	After overload/short circuit removed, short press AC button
E04	AC output over temperature	After temperature returns to normal, short press AC button
E05	PD overload/ short circuit	After overload/short circuit removed, reconnect it
E06	Battery temperature is too high	Automatically clear the failure code after the temperature returns to normal
E07	Battery temperature is too low	Automatically clear the failure code after the temperature returns to normal
E08	USB overload/ short circuit	After overload/short circuit removed, short press power button
E09	DC charging over-voltage	Automatically clear the failure code after the voltage returns to normal
E10	DC charging low voltage	Automatically clear the failure code after the voltage returns to normal
E11	Battery charge/ discharge overheated	Automatically clear the failure code after the temperature returns to normal

Specification



Mode	S300
Battery Capacity	236.25Wh11.25V 21Ah
DC Input	12~30V⎓4A(Max 64W)
Cigarette Lighter Output	12V⎓10A(Max120W)
DC Output	12V⎓10A x2(Max120W)
USB1 Output	5V⎓3A/9V⎓2A/12V⎓1.5A(QC3.0)
USB2 Output	5V⎓2.4A
Type-C Input	5V,9V,12V,15V⎓3A/20V⎓3.25A(PD65W)
Type-C Output	5V,9V,12V,15V⎓3A/20V⎓3.25A(PD65W)
AC Output	110V/230V~50H/60Hz,300W(Max600W)
Working Temperature	-20~60°C

Tips: Please read the instructions carefully before use!

For further assistance, do not hesitate to contact customer service at **support@newsmypower.com.**

Learn more about us, please check out :
https://www.newsmypower.com

Customer Service

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