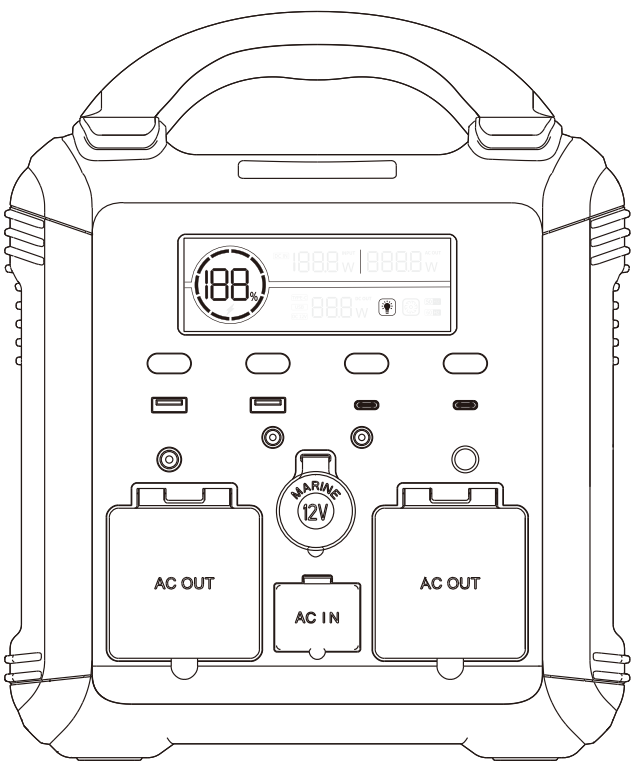
Newsmy

S600 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 S600 in its operating temperature range. Using S600 outside of its optimal operating temperature range can push the machine beyond its safe limits. Do not submerge your S600 in water. It is not water-proofed and this will void your warranty. Please keep S600 upright and do not block the ventilation Fan while using S600.

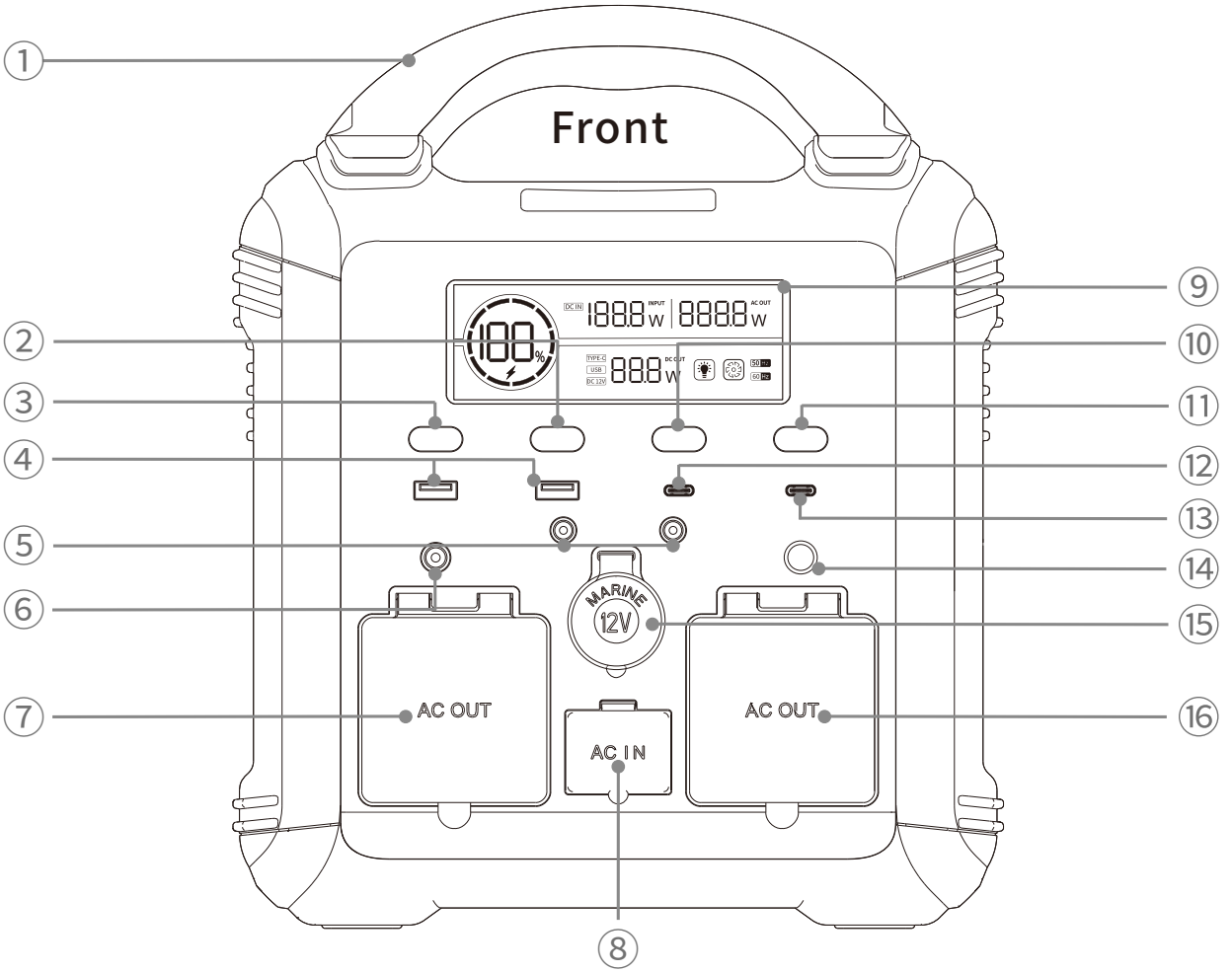
Important

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 first time, please fully charge and try again.

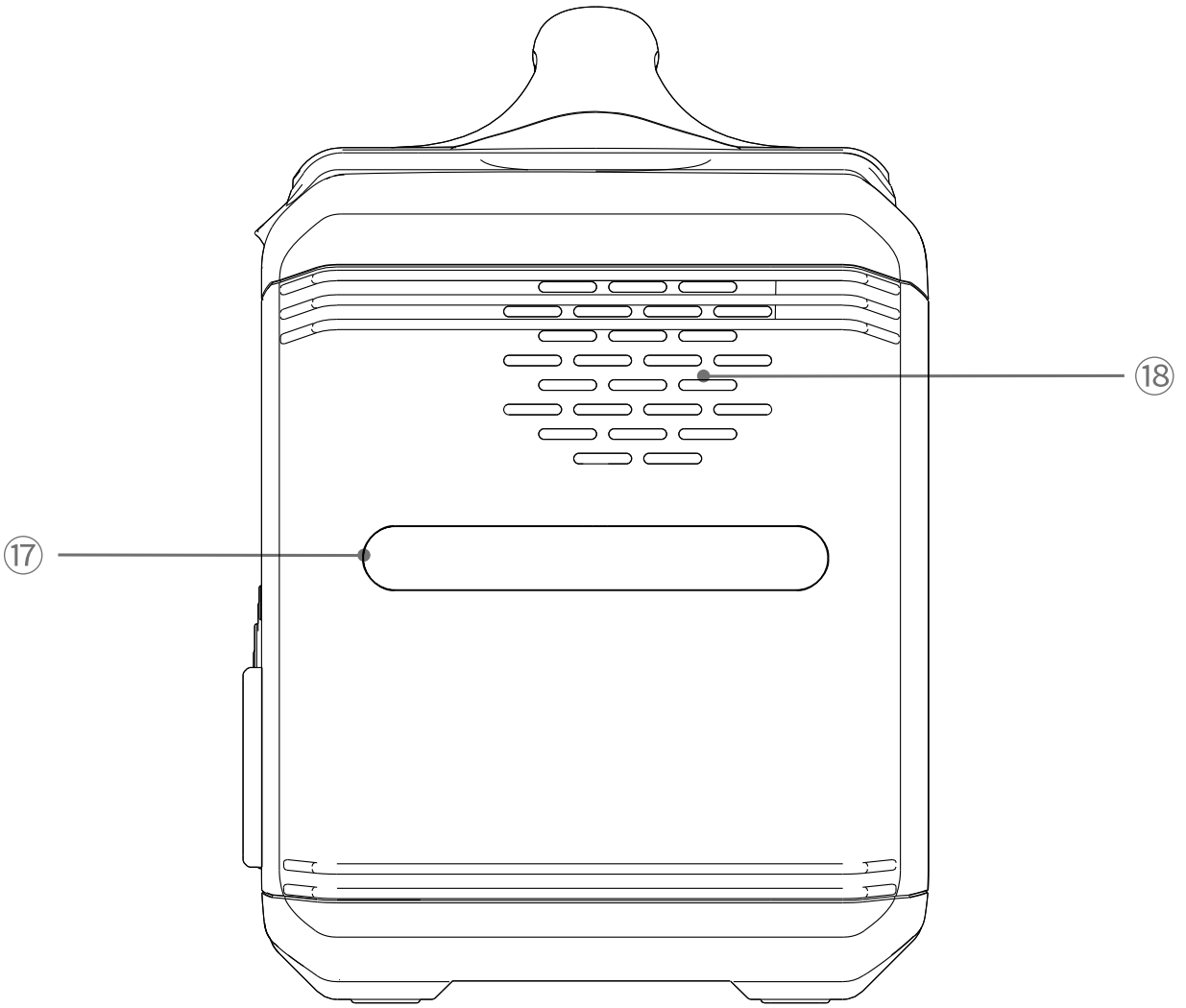
Because of this characteristic of LMFP batteries, we recommend that it is best to recharge the product every two months, even if you do not use it for a long time.

Product Details



①	Handle	⑨	LED display
②	DC button	⑩	USB button
③	AC button	⑪	LED lamp button
④	USB output	⑫	Type-C 1 output
⑤	DC output	⑬	Type-C 2 output
⑥	DC input	⑭	Power button
⑦	AC output	⑮	Cigarette lighter
⑧	AC input	⑯	AC output

Side



⑰	LED lamp	⑱	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.

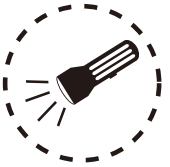

Laptops

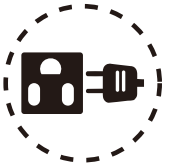

Tablets


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

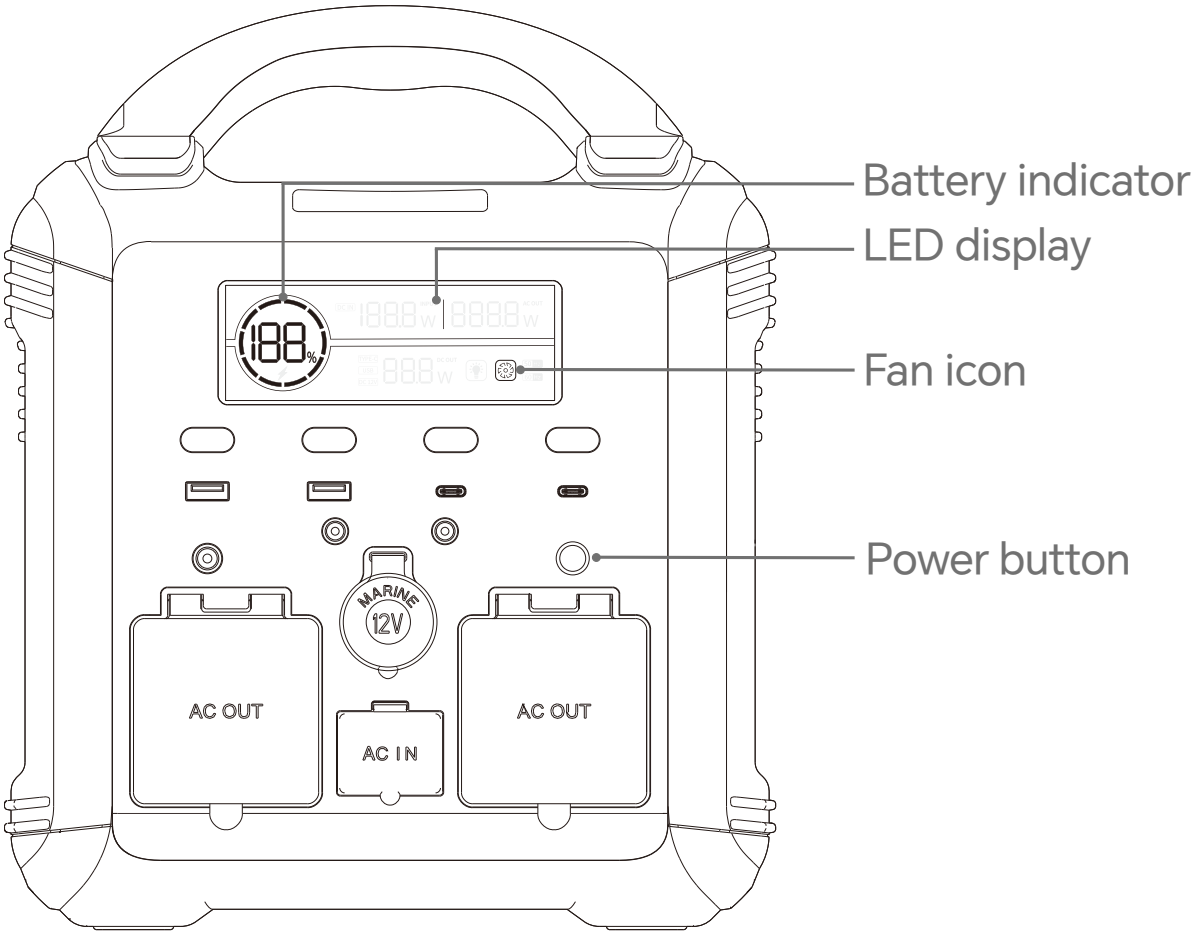

Emergency lighting


Outdoor energy

Guidelines for use

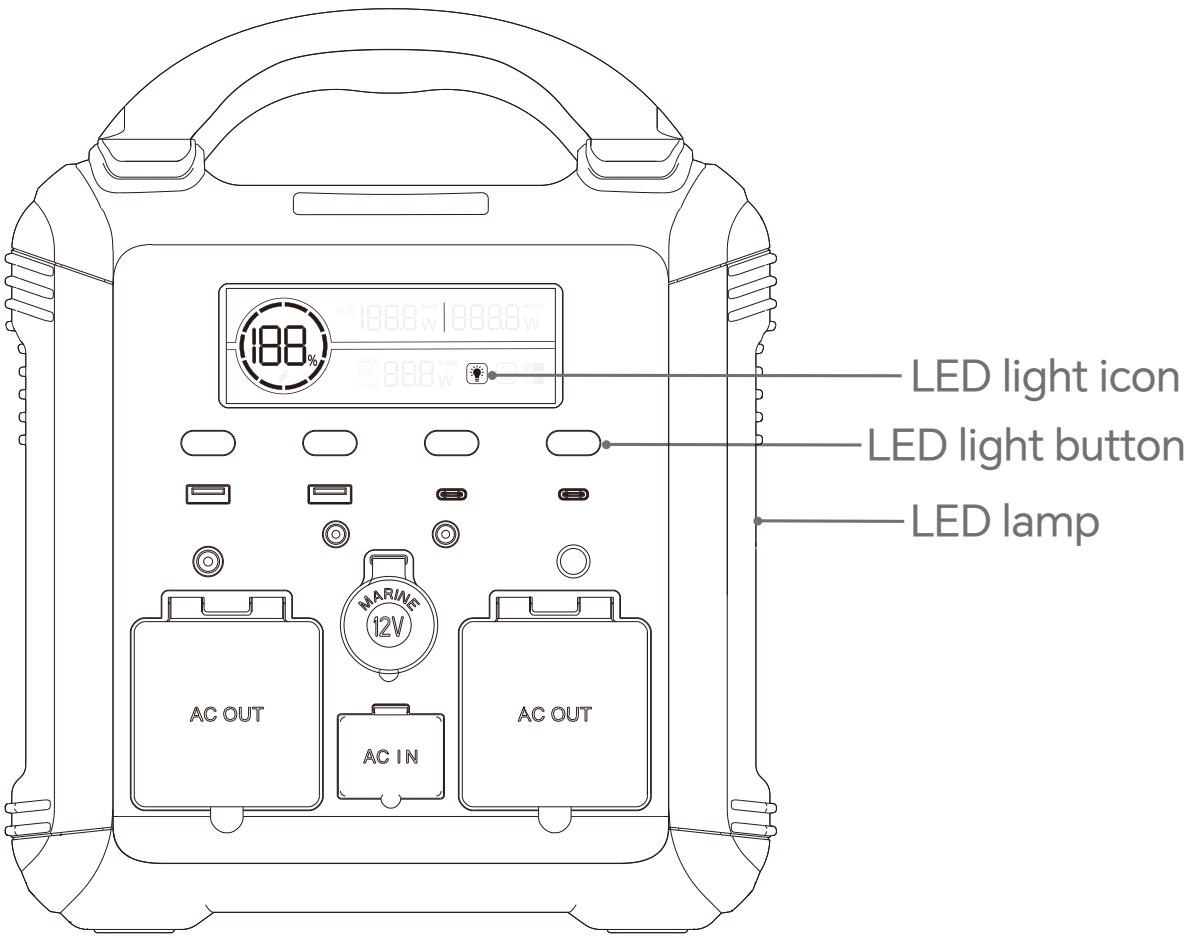
1. Start up

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



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)

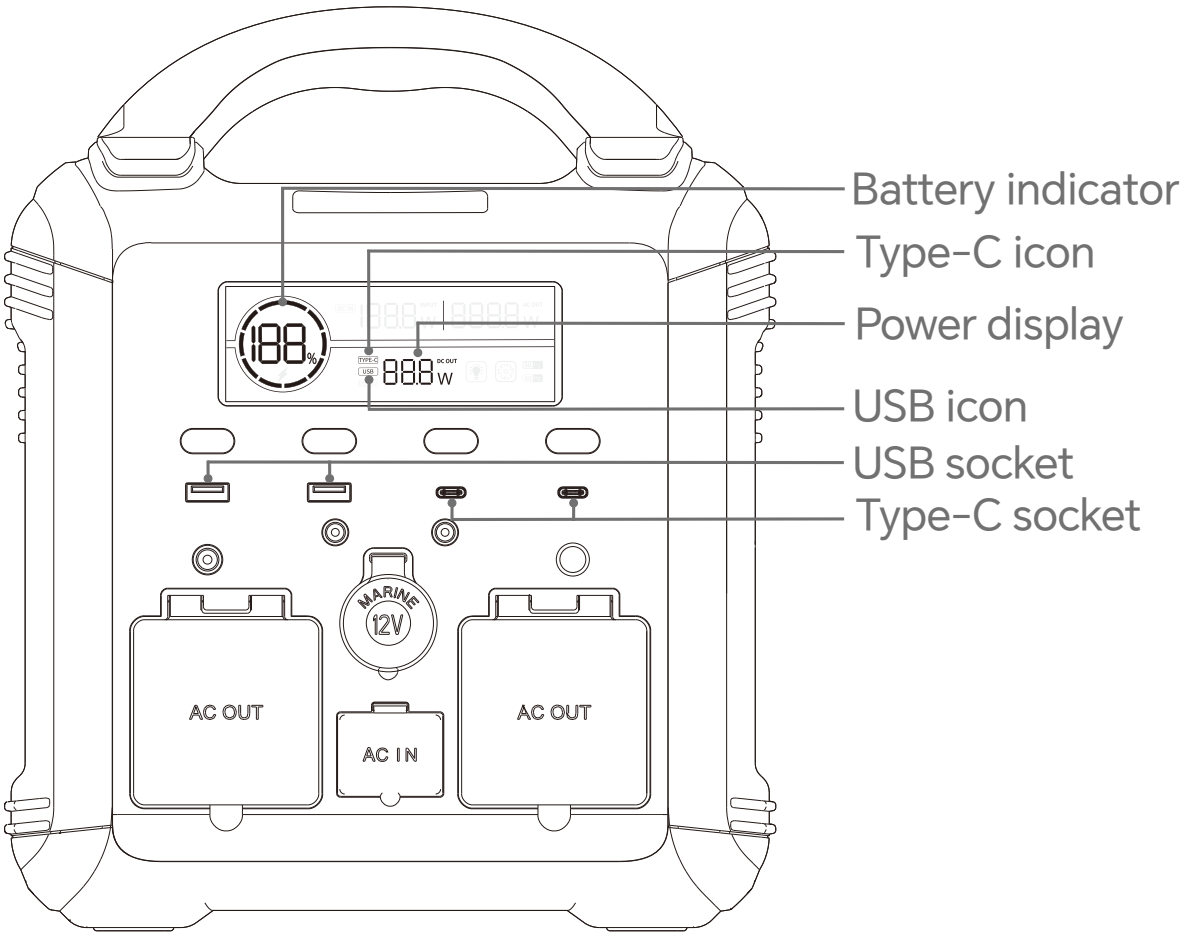


3. USB output

1 After the device is turned on, short press the “USB button” to start the USB output function, and the Type-C icon, USB icon and output power icon on the screen will light up.

2 By correctly connecting the digital product to the device through the corresponding cable, you can charge your digital product and display the corresponding power value.

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

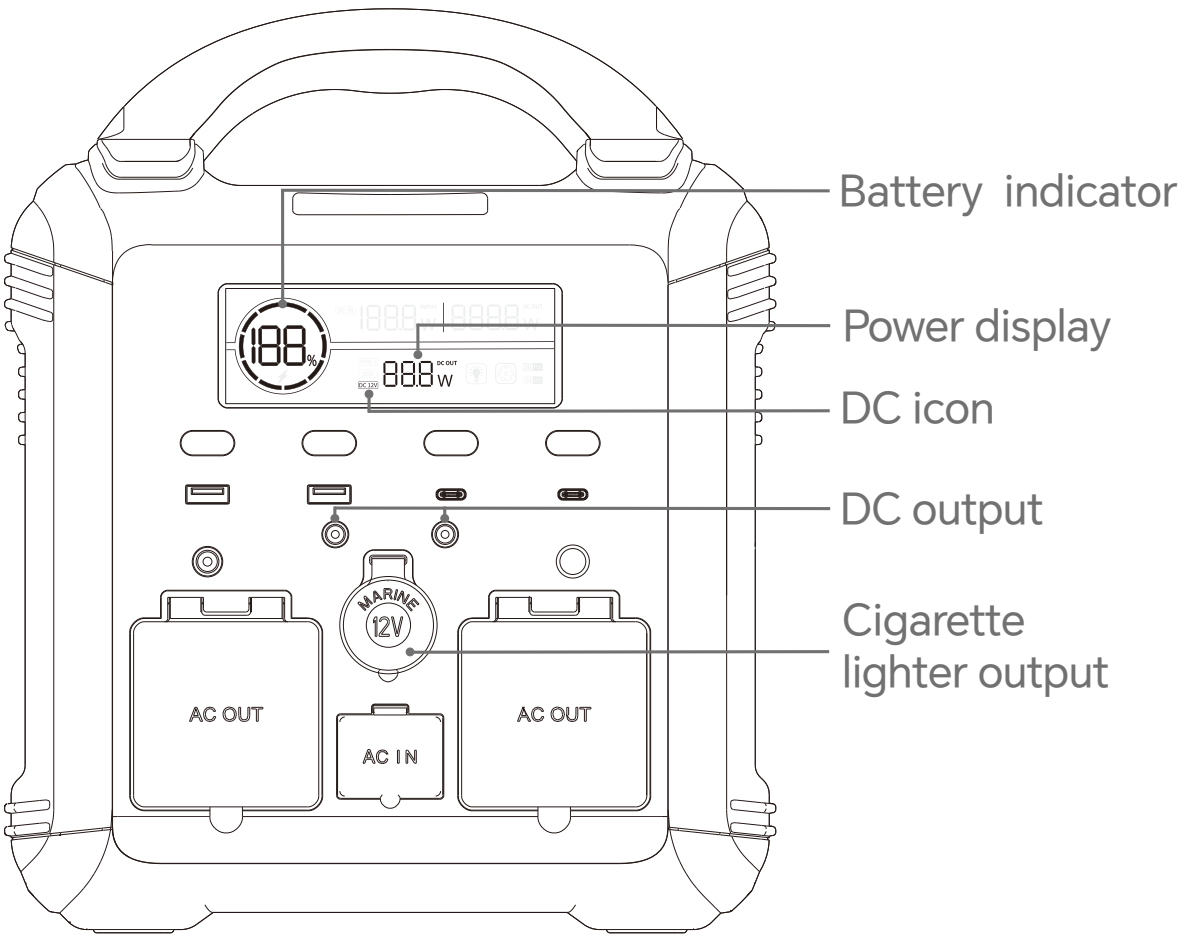


4. DC and Cigarette lighter output

1 After the device is turned on, short press the “DC button” to to start the DC output function, and DC 12V icon and DC output power icon on the screen will light up.

2 By correctly connecting the digital product to the device through the corresponding cable, you can charge your digital product and display the corresponding power value.

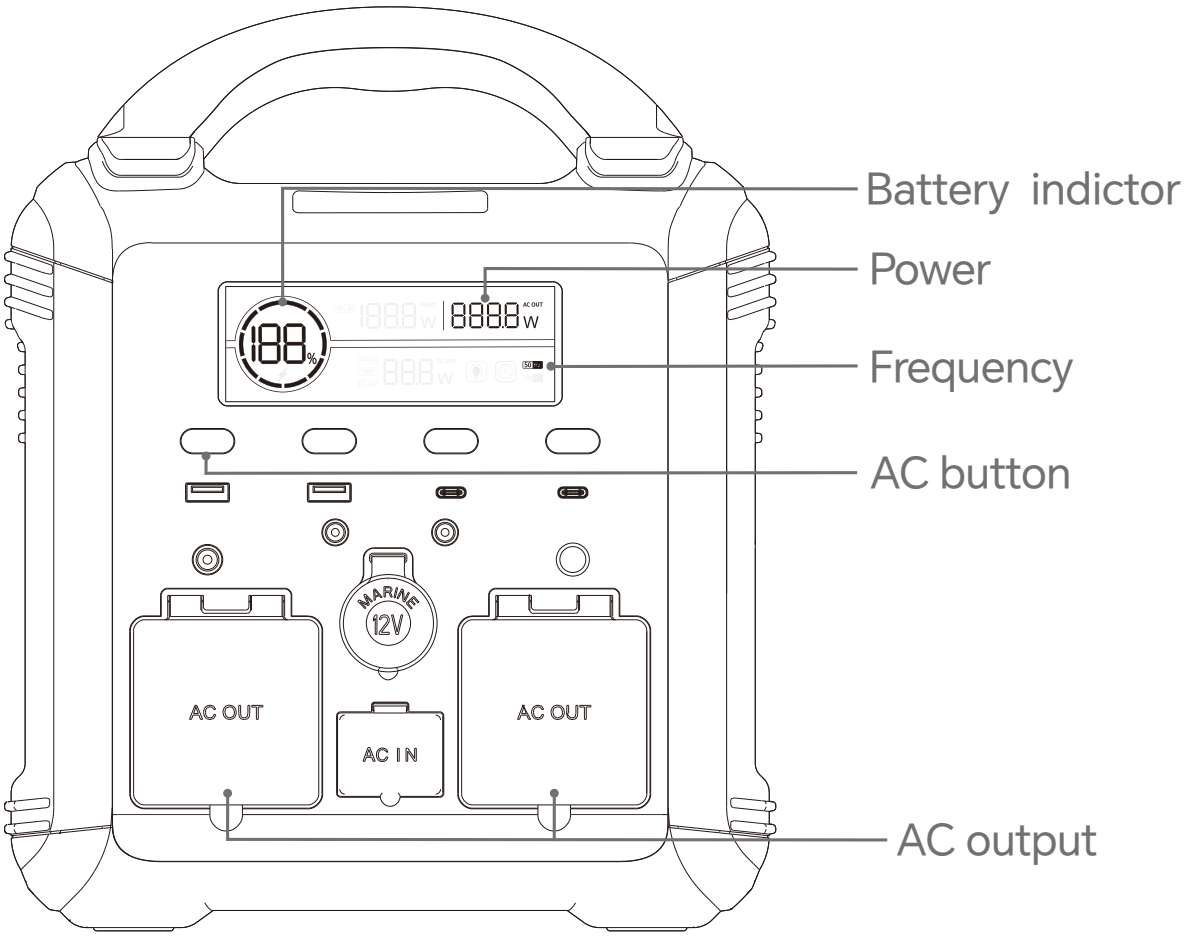
3 When charging your digital products through multiple output interfaces at the same time, the total output power is displayed on the display screen.



5. AC output

1 After the device is turned on, short press the “AC button” to start the AC output function,and the AC output function and AC frequency icon on the screen will light up.

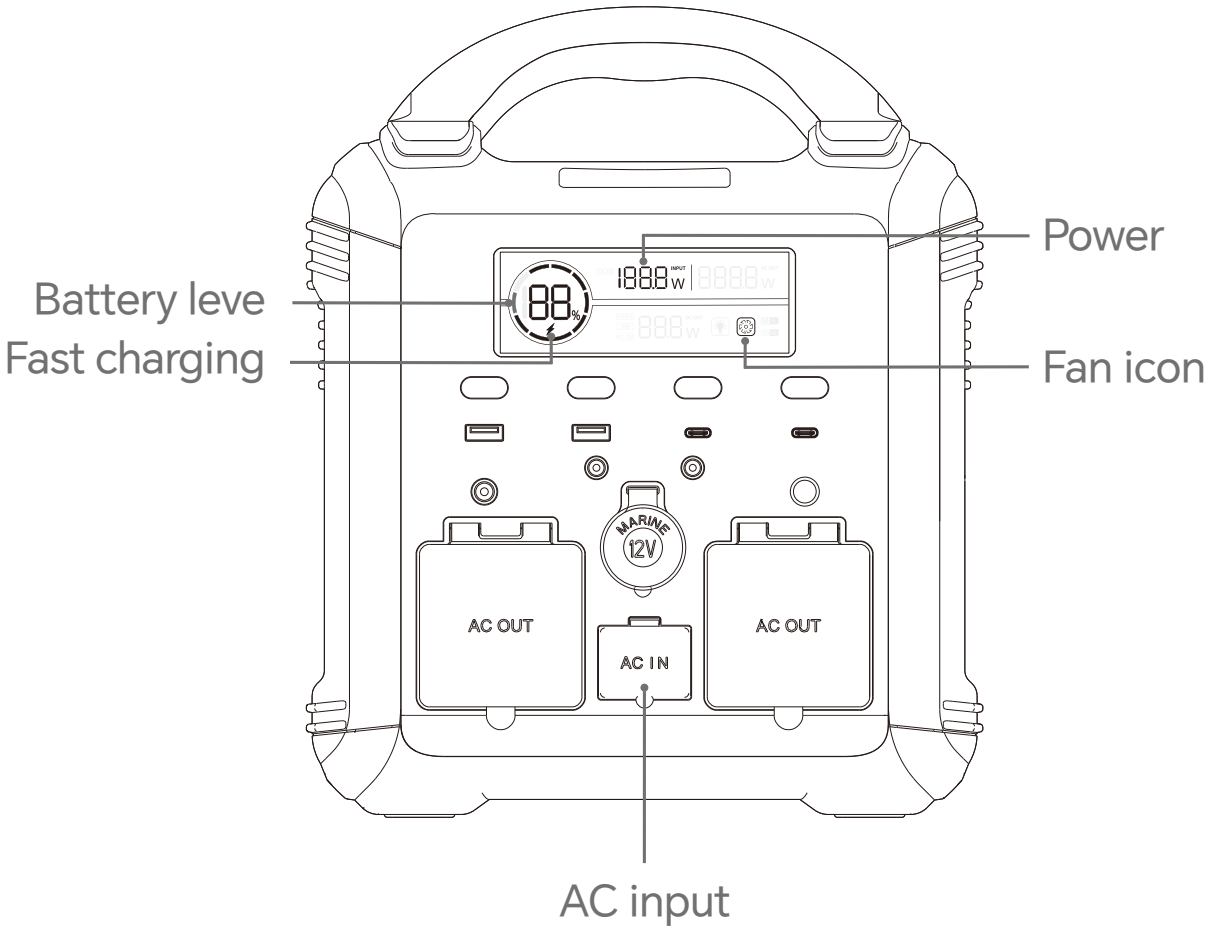
2 Plug the equipment that needs power supply into the AC output interface for power supply, and display the corresponding power value.



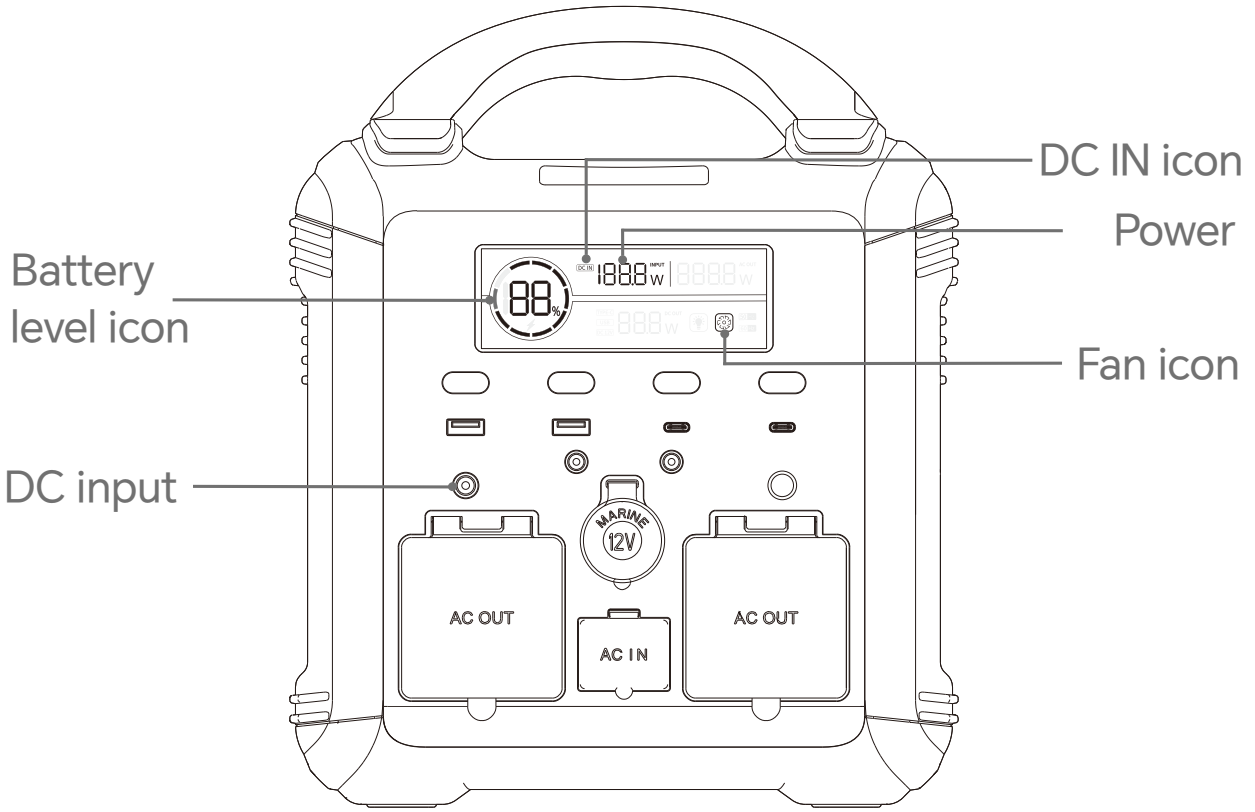
Note: After starting the AC output function, you can switch the frequency by long pressing “AC button.”

6. How to charge the product

1When you need to charge the product, please plug in the delivered AC power cord into the AC input interface and connect the mains power to charge. When charging, the fast charging icon lights up and display the charging power, the corresponding battery level icon flashes, and the fan starts in time and displays the fan icon.



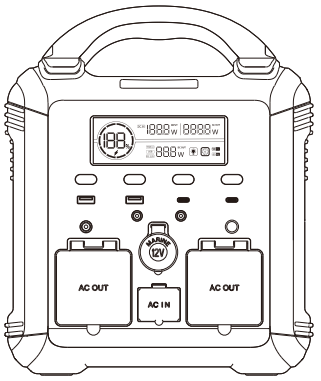
2 You can also charge the product through DC input interface. Please insert the delivered DC adapter into the DC input interface, and connect the other end to your adapter or solar panel. When charging, the DC IN icon lights up and display the charging power,the corresponding battery level icon flashed, and the fan starts in time and displays the fan icon.



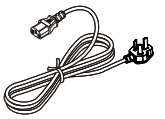
Can S600 power my devices while it's charging?

Yes, S600 can be charging and outputing power in the same time. When you are charging S600.we do not recommend connecting an electrical appliance with a power over 700w for discharging, becausethe current capacity of the wall outlet is limited.

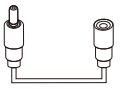
Product accessories list



Main device*1



AC power cord*1



DC adapter*1



User manual*1

⚠Attention

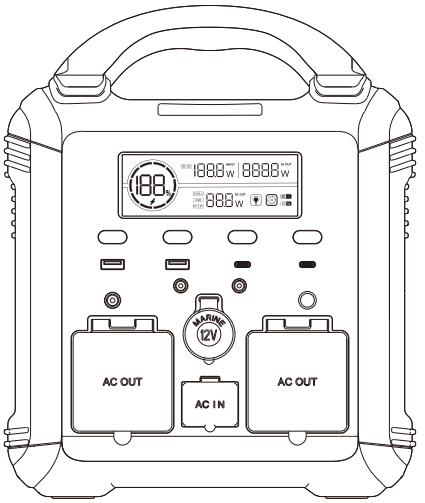
1.If you do not use the product for a long time, you are advised to keep the battery at a certain capacity and charge the product at least once every three months.
2.During use or charging, if the device heats slightly, it is normal, not a failure.
3.It is recommended to use this product at room temperature 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 DC button
E02	DC output short circuit	After short circuit removed, short press DC 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, short press USB button
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

Code	Description	Remove failure code
E08	USB overload/ short circuit	After overload/short circuit re moved, short press USB 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
E13	AC charging under-voltage protection	Automatically clear the failure code after the voltage returns to normal
E14	AC charging over-voltage protection	Automatically clear the failure code after the voltage returns to normal

Specification



Mode	S600
Battery Capacity	551.25Wh,26.25V 21Ah
DC Input	12~30V⎓7.5A(Max 180W)
Cigarette Lighter Output	12V⎓10A(Max120W)
DC Output	12V⎓10A(Max120W)
USB Output	5V⎓3A/9V⎓2A/12V⎓1.5A(QC3.0)
Type-C 1 Output	5V⎓3A/9V⎓2A/12V⎓1.5A(PD18W)
Type-C 2 Output	5V,9V,12V,15V⎓3A/20V⎓5A(PD100W)
AC Output	110V/230V~50/60Hz,700W(Max1400W)
AC Input	600W
Working Temperature	-20~60°C
UPS	20ms

Trouble shooting

Q1: Will the product automatically shut down when no load?
A1: No, it will only turn off automatically 3 minutes after turning off all ports and LED lamp.

Q2: Does the product support working with screen off?
A2: Support, double-click “Power”button to turn off the screen, and click to light it up.

Q3: Does the product support charging and discharging at the same time?
A3: Support, the product can be used as UPS when charging and discharging through AC.

Q4: Does the product support AC and DC charging at the same time?
A4: Not supported, in order to extend the service life of the product, the maximum charging power is 600W.

Q5: How does the fan work?
A5: Multi-switching automatic adjustment according to the power and temperature of the product.

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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