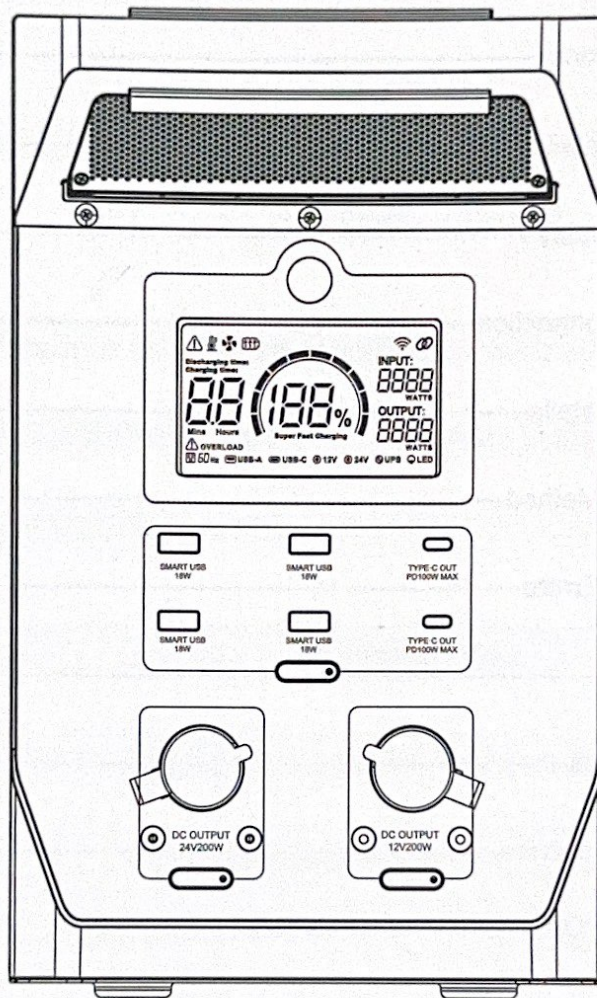


Portable Power Station User Manual

Model: YUE2000



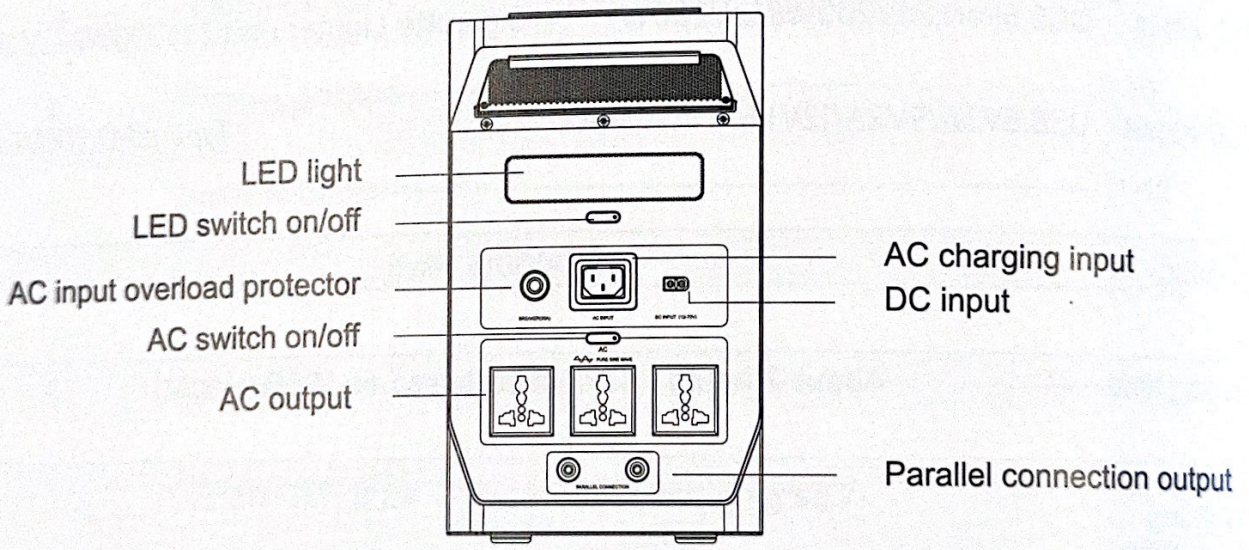
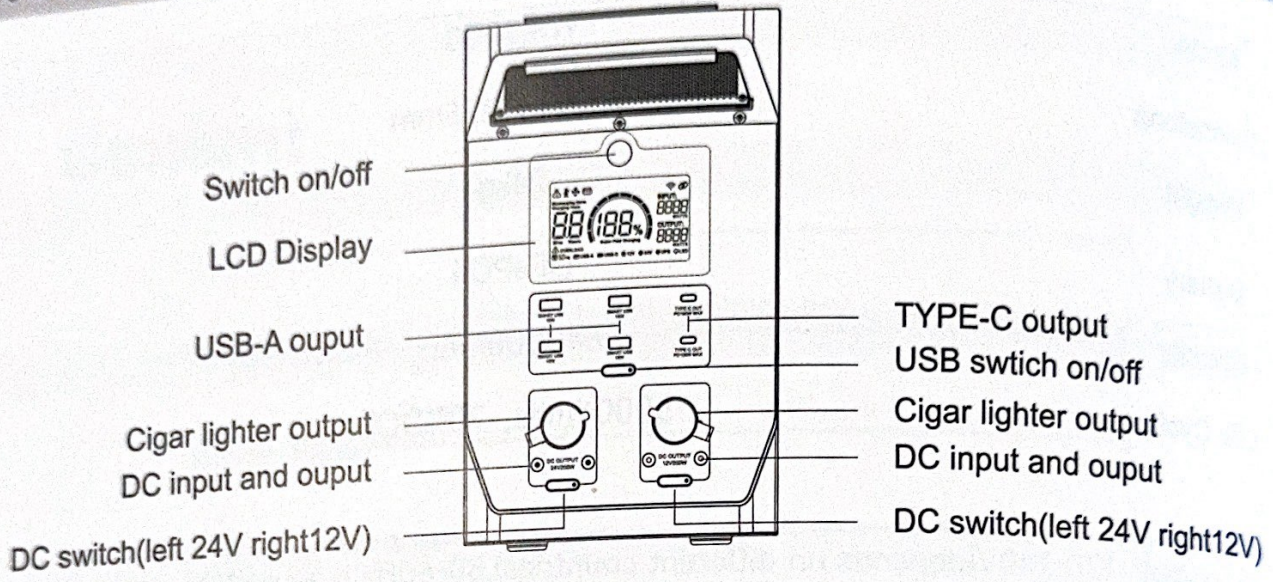
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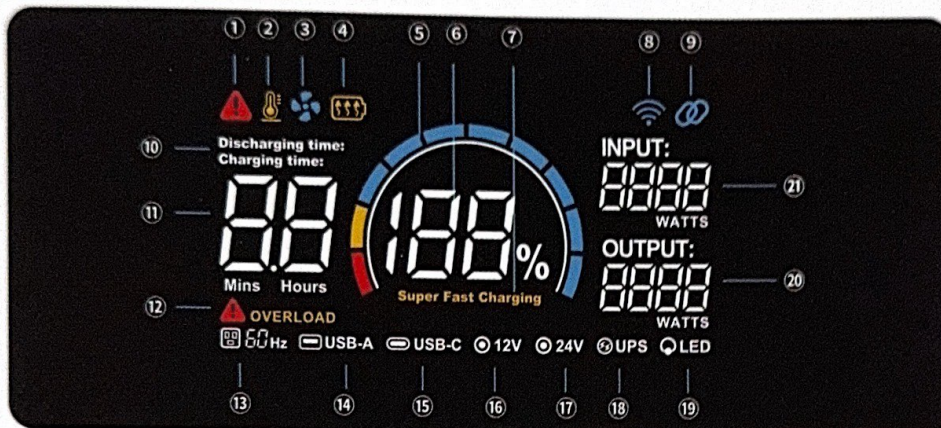
Specifications

Model	YUE2000
Dimensions	440*202*325mm
Weight	24kg
Battery	LiFePO4
Capacity	640000mAh
Life Cycle	5000times, 70%DOD
AC output	100-240V(depends on different countries),50-60Hz(auto switch), pure sine wave
DC output	DC5.5Port:24V200W&12V200W Cigarette Lighter Port:24V200W&12V200W
USB output	USB:5V3A/9V2A/12V1.5A/18W MAX Type-c:PD 100W MAX
Input	AC (1000W Max)
Charging time	About 2 hours (calcutaled based on 1000w input)
Working temperature	Charging temperature: 0°C~45°C (32~113°F) Discharging temperature: -10°C~50°C (-4~122°F)

Product Details



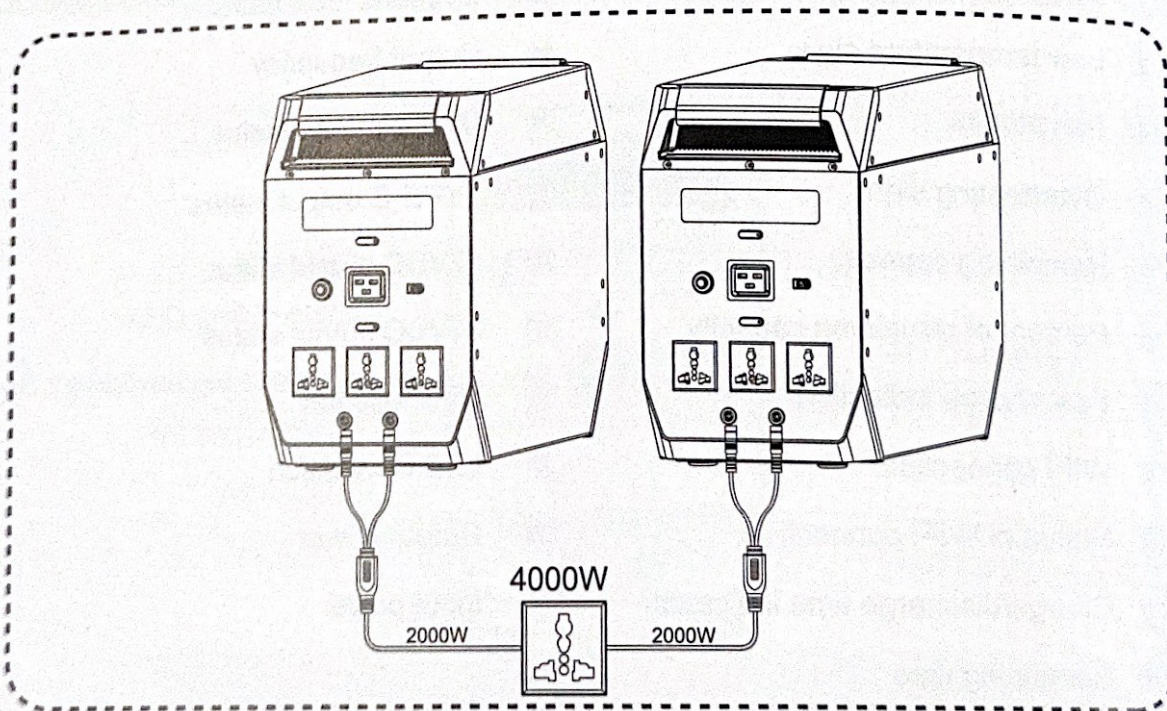
LCD Display



- | | |
|------------------------------------|------------------------|
| ① Abnormal temperature sign | ⑫ Overload indication |
| ② Low temperature sign | ⑬ Output frequency |
| ③ Fan status | ⑭ USB-A output status |
| ④ Overheating sign | ⑮ TYPE-C output status |
| ⑤ Remaining capacity | ⑯ 12VDC output status |
| ⑥ Percent of remaining capacity | ⑰ 24VDC output status |
| ⑦ Fast charge indication | ⑱ UPS function |
| ⑧ WIFI connection | ⑲ LED illumination |
| ⑨ Status of WIFI connection | ⑳ Output power |
| ⑩ Charge/discharge time indication | ㉑ Input power |
| ⑪ Remaining time | |

Method of parallel connection

- ⊙ When using in parallel, the products must be turned off before this operation can be performed.
- ⊙ The connecting cable should be connected correctly, the positive pole should be connected to the positive pole, and the negative pole should be connected to the negative pole, so as not to cause damage to the machine.
- ⊙ Do not move or directly disconnect the product when the product is being charged or discharged. If you need to disconnect or connect, turn off the product and then operate it.
- ⊙ Do not touch or insert metal objects into the parallel metal port. If there is stain in the metal port, please wipe it with a dry cloth.

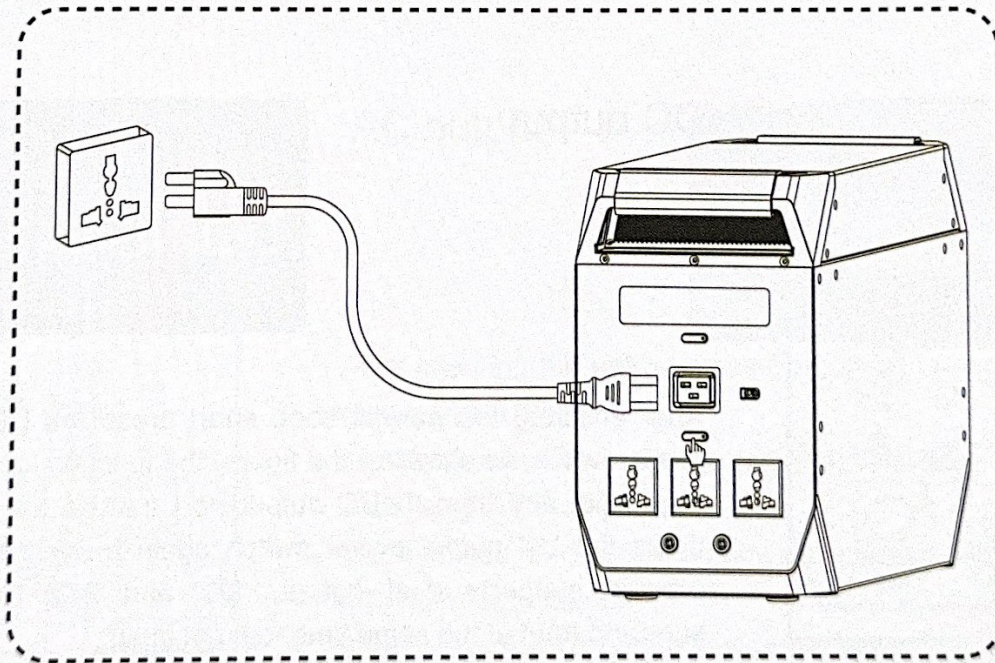


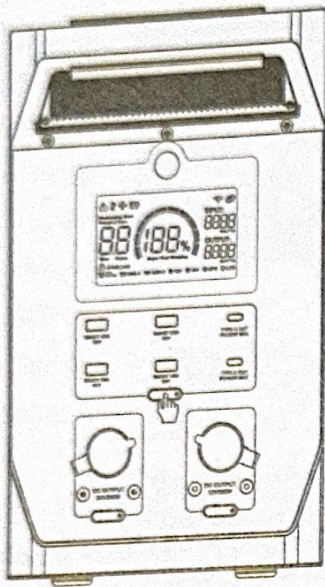
Product Instructions

UPS function



To start the UPS function, you need to turn off the power of the product first, connect it to the grid power, press and hold the grid power switch for 3 seconds, and after it is turned on, short press the AC switch. The icon is as shown in the figure, the UPS function can be turned on, it can be charged and discharged at the same time, it supports the priority of the mains, and has the function of UPS uninterrupted power supply.

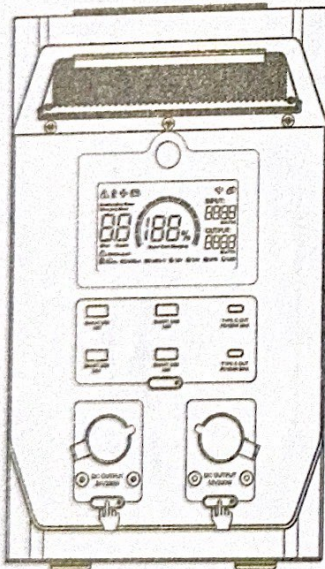




USB output



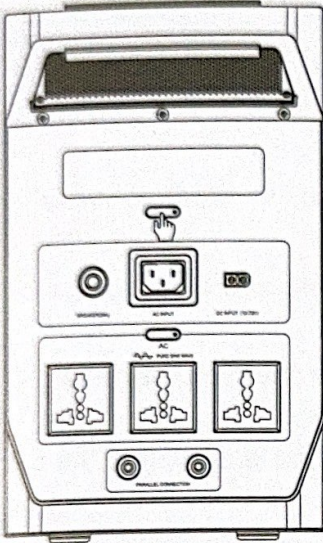
After ensuring the normal boot, short press the USB output power switch, as shown in the figure, the function icon will be displayed, before using the USB output port; short press the USB output power switch again to turn off.



DC output



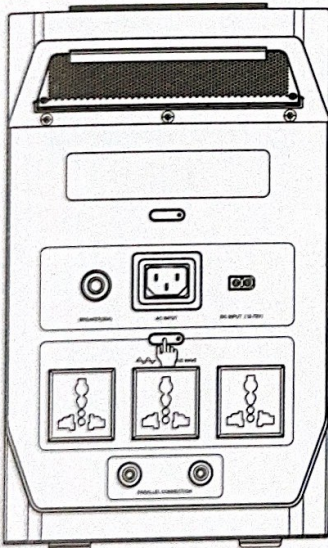
After ensuring the normal boot, short press the DC output power switch, as shown in the figure, the function icon will be displayed, and then the DC output port can be used. Short press the DC output power switch again to turn it off. This product supports dual output, 12V and 24V two ports support output at the same time, but not input.



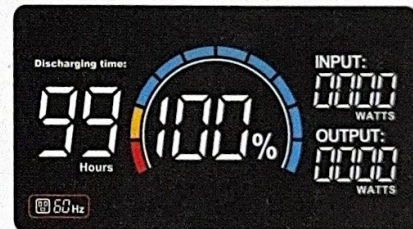
LED function



After ensuring that the power is turned on normally, press and hold the LED power switch for 3 seconds, as shown in the figure, to display the function icon, each short press the LED switch will switch to different modes (low light, high light, SOS, fast flashing), short press the LED again The switch can be turned off.



AC output



After ensuring the normal power-on, short press the AC output power switch, as shown in the figure, the function icon will be displayed, and then the AC output port can be used, and the frequency will automatically switch with the mains voltage. Short press the AC output power switch again to turn it off.

How to charge

The product has a charging protection function. Please use according to the normal charging operation.

After the product is fully charged, it will automatically stop charging. In order to avoid other accidents,

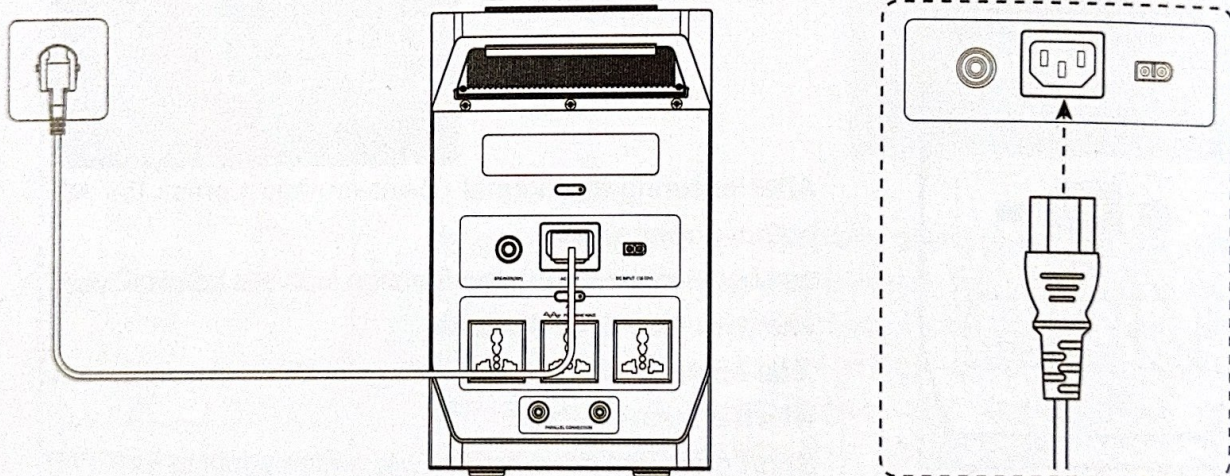
it is recommended that the charging connection be disconnected in time after the product is fully charged.

The product is designed with a variety of charging methods and multiple charging interfaces, which are compatible

with automobiles, solar panels, and grid power. After any charging method is activated, the battery level indicator icon will flash.

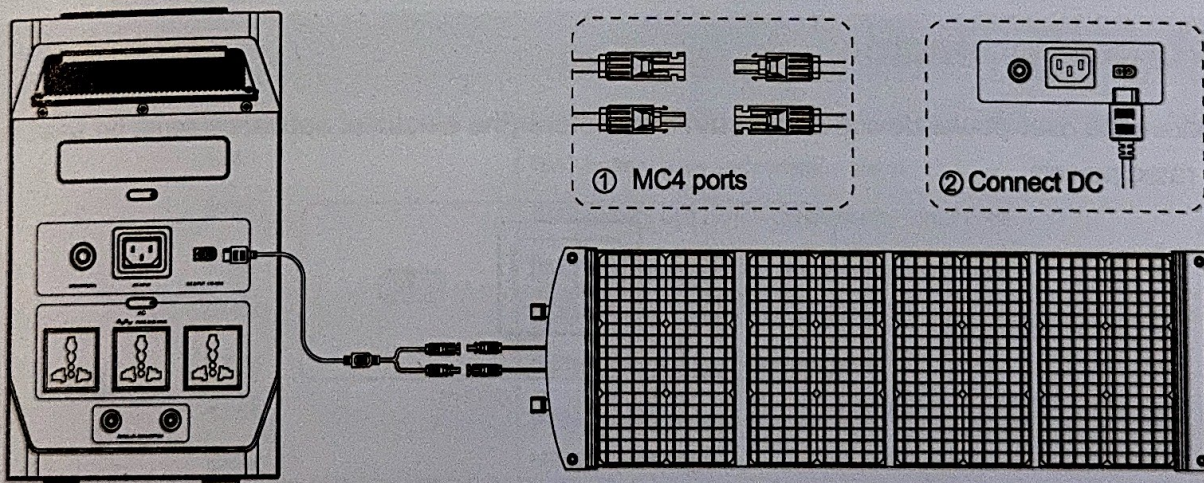
Charge through grid power

Insert the output terminal of the power cord into the AC port (built-in charging power management, the maximum input power of the port is 1000W), the power icon scrolls and the remaining time for full charging is displayed at the same time.



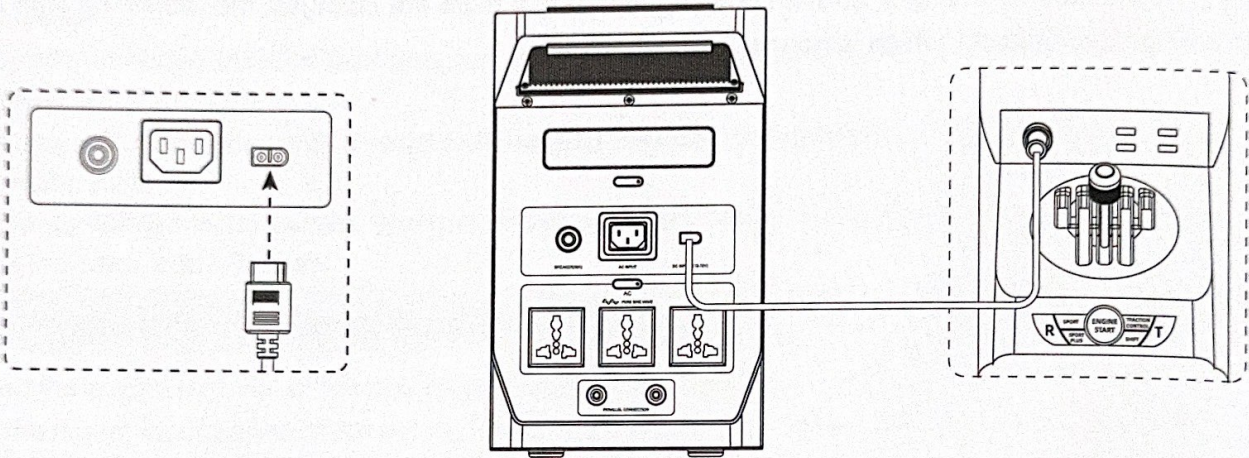
Solar charge

Connect the unfolded solar panel MC4 socket (built-in MPPT charging management, the maximum input power of the interface is 800W), and then connect to the DC interface, the power icon scrolls, and the remaining time for full charging is displayed at the same time; the power of the solar panel is greatly affected by the light, and the power generation If there are changes, the remaining time will change dynamically, which is normal.



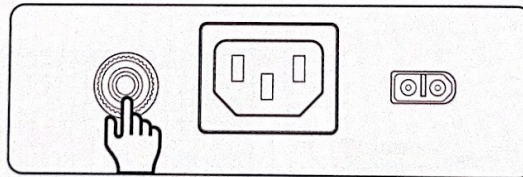
Car charge

Start the car, insert one end of the accessory "car charging cable" into the car cigarette lighter, and the other end into the DC interface, the battery icon scrolls and the remaining time for full charging is displayed at the same time.



Overload protector

Remove the over-power device and restart it to restore (the electrical appliance must be used within the rated power)


















Errors

E Error

01 Code

X Random digits

Overtemperature protection		Including errors of BMS charging and discharging, DC power output, AC power output module and solar charging module
BMS charging high temperature alarm:		
	 E01X	Abnormal temperature sign + high temperature sign + error code
BMS discharge high temperature alarm:		
	 E02X	Abnormal temperature sign + high temperature sign + error code
Lowtemperature protection		Including BMS charge and discharge
BMS charge low temperature alarm:		
	 E05X	Abnormal temperature sign + low temperature sign + error code
BMS discharge low temperature alarm:		
	 E04X	Abnormal temperature sign + low temperature sign + error code
Overvoltage and undervoltage protection		Including BMS battery, grid power, photovoltaic (including reverse connection); inverter; BMS single battery Error code as follows
	E14X	BMS battery pack undervoltage alarm
	E12X	BMS battery unit undervoltage alarm: error code
	E13X	BMS battery pack overvoltage alarm: error code
	E11X	BMS battery cell overvoltage alarm
	EXX5	Battery overvoltage detected by INV
	EXX6	Battery undervoltage detected by INV
	EXX9	MTTP overvoltage

Overcurrent Short Circuit Protection	Including BMS, DC power output, AC power output module, solar charging module
BMS charging overcurrent alarm:  OVERLOAD E08X	Overload abnormal sign + overload short circuit sign + error code
BMS discharge overcurrent alarm:  OVERLOAD E09X	Overload abnormal sign + overload short circuit sign + error code
BMS short circuit alarm  OVERLOAD E10X	Overload abnormal sign + overload short circuit sign + error code
MTTP overload alarm:  OVERLOAD EXX4	Overload abnormal sign + overload short circuit sign + error code
INV overload alarm:  OVERLOAD EXX3	Overload abnormal sign + overload short circuit sign + error code
INV short circuit alarm:  OVERLOAD EXX2	Overload abnormal sign + overload short circuit sign + error code
DCPU overload alarm over 720W:  OVERLOAD E19X	Overload abnormal sign + overload short circuit sign + error code
Partial internal device protection	Including internal communication failures
E15X	BMS AFE IC alarm: error code
E16X	BMS software locks MOS alarm: error code
EXX7	INV output voltage error: error code
EXX8	INV invliad: error code
E17X	Communication between ECU and BMS is lost for more than 6 seconds:error code
E18X	Communication between ECU and INV is lost for more than 6 seconds:error code

- ⊙ This product is a portable energy storage power supply, not a toy, please do not have children play with it.
- ⊙ Please read the product manual carefully before use.
- ⊙ If it needs to be stored for a long time (more than one month), please charge the product to about 70% of the power.
- ⊙ It is recommended to empty the product first and re-charge it full before use again.
- ⊙ Do not charge, use or place the product near a fire or overheating.
- ⊙ Products and accessories are subject to adjustment without notice.

Cautions and warnings

Please read the precautions carefully, which are divided into

"Danger", "Warning" and "Caution" levels

DANGER


"Danger" level has the possibility of causing personal injury or death

WARNING


"Warning" level has the possibility of causing dangerous situation happen.

CAUTION

"CAUTION" could cause the result of product damage or shortened the life cycle.

 **Danger**

- ⊙ The product contains output high-voltage alternating current, please do not insert your hands or metal conductors into the AC socket.
- ⊙ Non-professionals should not disassemble the product without permission to avoid dangerous things such as electric shock and short circuit.
- ⊙ Do not place the product in a high temperature environment ($> 50\text{ }^{\circ}\text{C}$) or near a fire source
- ⊙ The product is not a toy, please do not let children play with it.
- ⊙ Do not use in wet environment. Do not knock or bump the product

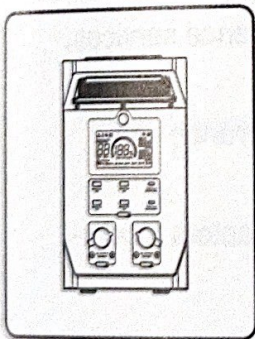
 **Warning**

- ⊙ Please read the specific battery charger manual before use.
- ⊙ It is strictly forbidden to disassemble the product.
- ⊙ It is strictly forbidden to use products with obvious damage.
- ⊙ Please use the original adapter to charge or an adapter that meets the electrical parameters specified by the manufacturer.
- ⊙ Please select the solar panel according to the electrical parameters specified by the manufacturer.
- ⊙ It is forbidden to charge with solar panels higher than 25V.

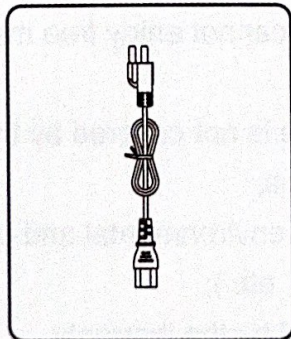
⚠ Caution

- ⊙ This product is a power supply, please select the corresponding model according to the electrical equipment, and prohibit the use of this product with excessive power and load.
- ⊙ Do not short circuit the product output.
- ⊙ This product is pre-set according to the voltage standards of different countries. Before purchasing and using it, please consult the dealer or use it according to the product instruction manual.
- ⊙ When the power of the product is exhausted, please charge it in time.

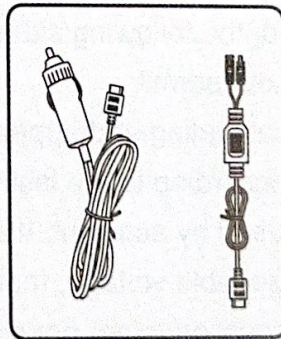
Accessories



Device X 1

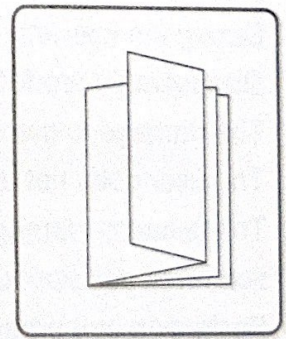


Power cable X 1



Car charging cable X 1

Solar cable X 1



Manual X 1

After-sale service Warranty Guidelines:

If the product fails, please operate it according to the instructions. If the failure cannot be eliminated, please contact the after-sales service personnel of our company. Please provide the following information when contacting the after-sales service personnel: product model, date of purchase, contact number, detailed address, product failure description.

Please cooperate with and answer the detailed inquiries of our company's after-sales service engineers, including on-site conditions, fault performance status, frequent/occasional accidents, and whether there are errors in operating procedures, etc., so that our company's after-sales engineers can find the reasons and then reply (or guide) users how to solve product failures. If you still cannot solve the problem, please contact your dealer.

The warranty period is 12 months from the date of sale:

During the warranty period, the company will provide free maintenance and replacement parts for defects in material and workmanship and damage caused by non-human reasons, and the parts replaced belong to our company;

During the warranty period, the following situations cannot enjoy free maintenance services;

Disassemble product without permit;

The damage to the surface coating and appearance is not covered by the warranty;

The user does not use it according to the instructions;

The failure or damage caused by accident, human, environmental and other factors (operation error, collision, unreasonable voltage, moisture, etc.);

Packaging and product accessories are not covered by the warranty.