

## 600W/648Wh Portable Power Station



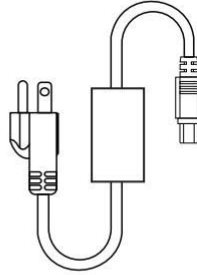
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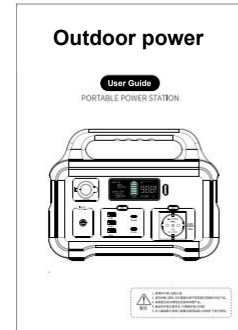
## Packing List



Outdoor power supply 600W



Charger


















User Guide

## Warnings and Precautions for Use

Read all instructions and follow basic precautions before using the product.

- a. To reduce risk, close supervision is required when using the product near children.
- b. The use of accessories recommended or sold by non-professional product manufacturers may lead to the risk of electric shock.
- c. When the product is not in use, please pull out the power plug from the product socket.
- d. It is forbidden to disassemble the product. After disassembling the product, it may cause unpredictable risks such as fire and electric shock.
- e. It is forbidden to use this product with damaged wires or plugs, which may bring unpredictable risks such as electric shock.
- f. Please use the product in a well-ventilated environment, keep the air outlet and air inlet open, and do not restrict the ventilation of the product in any way.
- g. Please put the product in a ventilated and dry environment, avoid rain, humidity and other environments. Also keep away from high temperature and corrosive materials.
- h. It is forbidden to leave the product in a car in direct sunlight for a long time. It is prohibited to use this product in a high temperature environment. (In a high temperature environment, the internal battery will overheat and the battery life will be shortened, etc.).
- i. When not in use for a long time, please turn off the power supply and charge the device every three months to prevent the battery from running out of power during use.

## Technical Parameter

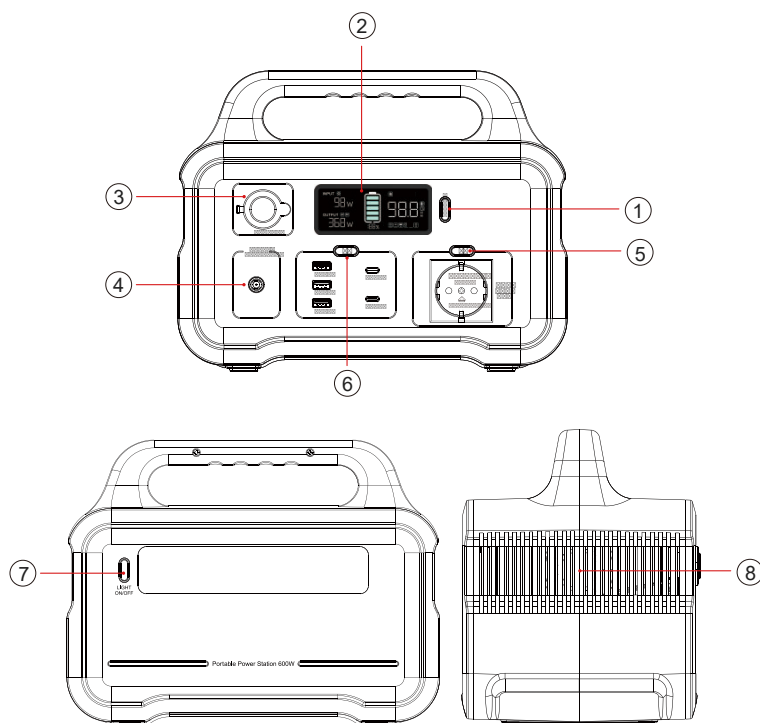
|  |   |  |  |   |   |
|--|---|--|--|---|---|
| <br>battery capacity      | <br>Cycles                 | <br>weight    | <br>size  | <br>USB-A*3    | <br>Cigarette port*1 |
| lithium battery<br>230V(648Wh)   | > 2000  | 6 KG   | 295*155*169mm  | QC3.0-18W   | 12V/10A   |
| <br>AC Output*1           | <br>Type-C *1              | <br>Type-C *1 | <br>DC Input  | <br>MPPT Input | <br>LED lights       |
| AC Output: 600W  | PD-60W  | PD-18W   | 12-24V   | Support 12-30V<br>Solar Panel   | SOS/5W  |
| <br>Operating Temperature | <br>Recharging Temperature |  | <br>Management System   |   |   |
| -10~40°C   | 0~40°C  |  | Under voltage Protection<br>Over voltage Protection<br>Over current in Charge/Discharge Protection<br>Short Circuit in Charge/Discharge Protection<br>Over temperature in Charge/Discharge Protection<br>Overcharging Voltage Protection |   |   |

## Product Description

This product is a portable energy storage power supply, suitable for home emergency backup power, outdoor travel, emergency disaster relief, fieldwork and other applications.

The product has a built-in lithium battery, which supports various charging methods such as chargers and solar photovoltaic panels.

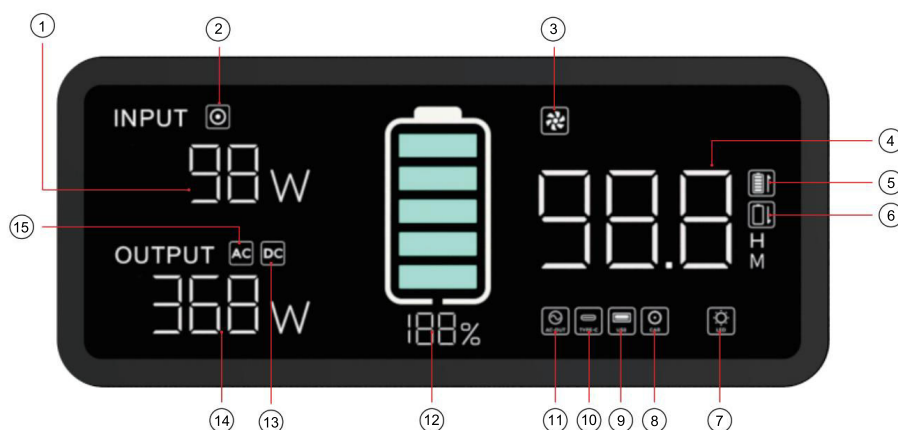
The output port is 50Hz, and outputs a continuous and stable sine wave alternating current, which better protects the electrical appliances.



- ① Main power switch
- ② LED screens
- ③ Cigarettes
- ④ DC Input
- ⑤ AC switch
- ⑥ DC switch

- ⑦ Light switch
- ⑧ Cooling air ducts

## Introduction to The Display Interface



- ① Input total power
- ② DC(24V5A)/PV(12-30V100W) input
- ③ Fan status
- ④ Remaining usage/charging time
- ⑤ State of charge

- ⑥ Discharge status
- ⑦ LED lights
- ⑧ Cigarette port (12V) output
- ⑨ USB output (QC3.0 18W max)
- ⑩ Type-C output

- ⑪ AC output
- ⑫ Battery percentage 11 AC outp
- ⑬ DC output
- ⑭ Total output power
- ⑮ AC output



## Screen Display Precautions



This icon lights up, please make sure that the vents are not blocked.



It is not displayed by default, and the display icon is turned on after the low temperature alarm value is set.



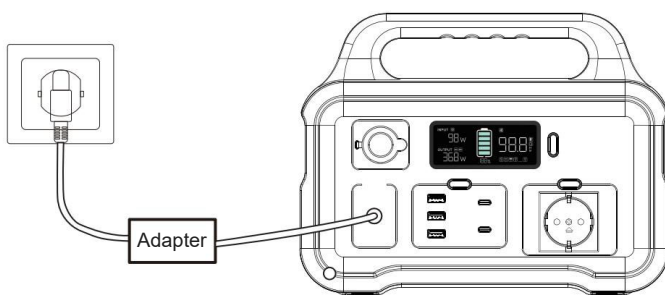
It is not displayed by default, and the display icon is turned on after the high temperature alarm value is set.



It is not displayed by default, and the display icon is turned on after the fault alarm state is set.

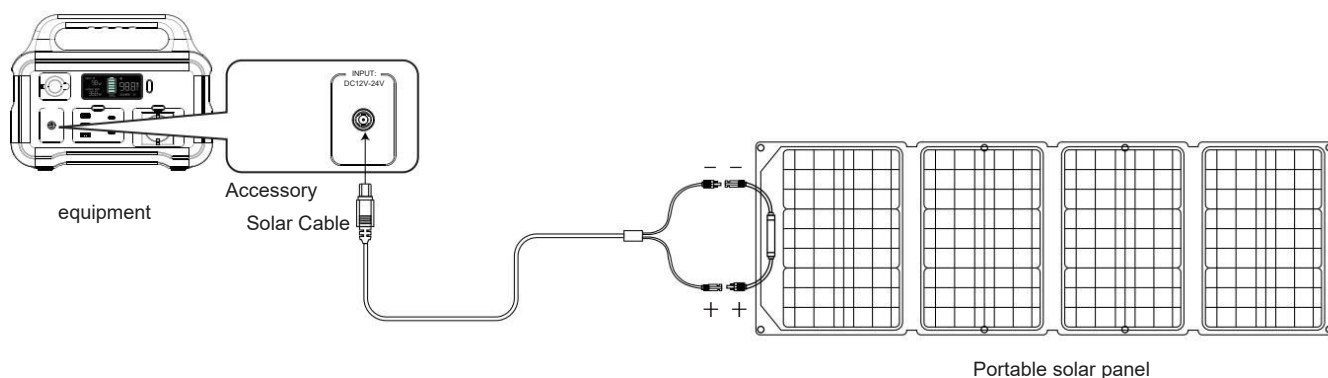
## Product Charging Diagram

### • Mains charging










### • Solar charging

1. The charging voltage of the solar panel needs to be in the range of 12-30. When it exceeds 30v, the device will trigger overvoltage protection
2. If the solar panel is not used for charging and the equipment is damaged, free after-sales service will not be provided.



## Common Device Usage Time

Here are some common devices and their power requirements for each charging port.

|  |  |  |
|--|--|--|
| <b>DC Output</b>   |  |  |
|   | Car Fridge(60W)<br>Around 45 Hours         |  Drone(90W max)<br>Around 11 Recharges          |
| <b>AC Output</b>   |  |  |
|   | 12" Macbook(30W)<br>Around 8 Recharges     |  32"TV(60W)<br>Around 9 Hours                   |
|  |  |  CPAP Machine<br>Around 15~45 Hours            |
| <b>USB Output</b>  |  |  |
|  | Smartphone(18W max)<br>Around 63 Recharges |  Motion Camera(5W max)<br>Around 110 Recharges |

## Common Problem

1. The power of the device is within the rated output power range of the product but it cannot be used?
  - a. The power of the product is low and needs to be supplemented
  - b. When some electrical appliances are started, the peak value is higher than the power of the product, or the nominal power of the electrical appliance is greater than the power of the product.

2. Why is there a sound when using it?

The product adopts an intelligent chip control system, When the temperature of the product rises, the built-in fan will be automatically activated to cool down. There is a slight noise which is a normal phenomenon.

3. Is it normal for the charging cable to heat up during use?

It is normal for the charging cable to heat up during charging. The standard charging cable conforms to national safety standards, so you can use it with confidence.