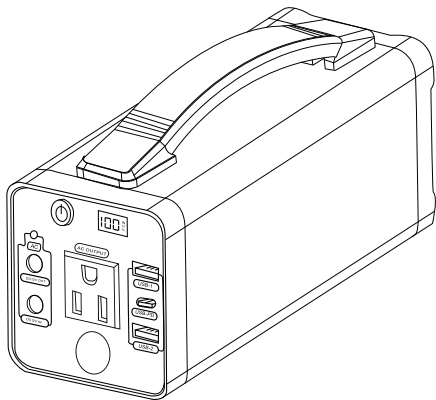


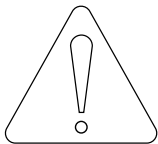
YP-150W PORTABLE POWER STATION

User Manual

150W Portable Energy Storage



User Guide



First Charge For The Product!

The first charge is crucial to the product's battery performance. During charging, plug the product into the AC power socket until fully charged.

See the user guide for more information.

Important Safety Information



Warning

Always follow basic precautions when using this product, including:

- a** Read all instructions before using this product.
- b** To reduce risk, close supervision is required when using this product near children.
- c** The use of accessories recommended or sold by non-professional product manufacturers may result in the risk of electric shock.
- d** Do not disassemble the product. The product may cause fire, explosion or injury risks and unpredictable risks after disassembling the product.
- e** When the product is not in use, unplug the power cord from the product outlet.
- f** Do not use the damaged wire or plug, or the damaged output cable to use the product, there is a risk of electric shock.
- g** Please charge the product in a well ventilated area. Do not restrict the ventilation of the product in any way.
- h** Place the product in a ventilated and dry place to avoid rain and water, and there is a risk of electric shock when the product enters the water.
- i** Do not expose the product to fire or excessive temperatures ($\geq 100^{\circ}\text{C}$), explosions may occur when exposed in this case.



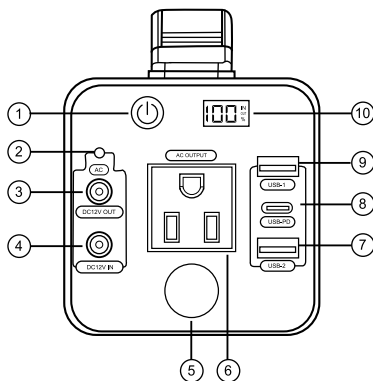
Note: It can not be used for resistance capacitance step-down low-quality lamps or instrumentation equipment.

Please Keep The User Guide Carefully

Product introduction:

This product is a plug-and-play energy storage power source for emergency situations, camping or whenever you need power. The 178Wh nominal capacity ensures that electronics, appliances, lighting and other appliances run longer.

1.Product display



- | | |
|----------------------|----------------------------|
| ① The product switch | ② AC work indicator |
| ③ DC 12V output port | ④ DC 12V input port |
| ⑤ LED light | ⑥ AC output port |
| ⑦ USB-2 output port | ⑧ USB-PD input/output port |
| ⑨ USB-1 output port | ⑩ Battery display |

(Note: When the AC output port is not in use, long press the switch 2s to turn AC work indicator off to save power.)

2.Charging:

1.Charge through AC power adapter

Before using or storing the product, please charge it with the charger. The display screen will show the current charging ratio. When the display displays 100% power, it means full. The charging process takes about 5.5 hours.

2. Charge via USB-PD interface

Charge using usb-pd interface, the display screen will show the current charging ratio when charging. When the display displays 100% power, it means full. The charging process takes about 5.5 hours.

3. Charge via car charger

Connect the car charger with the power input interface, and the display screen will show the current charging ratio when charging. When the display displays 100% power, it means full. The charging process takes about 5.5 hours.

4. Solar charging (optional)

The solar photovoltaic panels charge the product through the DC input port. Put the 40W solar photovoltaic panel in the position with as much direct sunlight as possible, adjust the Angle of the solar photovoltaic panel, and make the charging power reach the maximum value. It takes about 10 hours to fully charge.

3.Packing List

- | | |
|---------------------------------|---------------------------------|
| 1、 AC power adapter | 2、 150W portable energy storage |
| 3、 User guide | 4、 USB cable |
| 5、 DC to car charging converter | |

4. How to operate

1. Click the switch button, DC output; long press button 2s, AC output on /off; Double-click the button to turn the LED illumination on/off.
Note: When the AC power port is not in use, press the switch to turn it off to save power.
2. The power of AC output device lasts for 120W(the peak value is 150W). If the power exceeds the maximum power, the product will automatically shut down the power supply.Ensure that the product is not damaged by overload.
3. To ensure the AC battery port power priority when AC power is supplied, the 12V DC battery port will be powered off.
4. When the device is inserted into USB1 or USB2, you need to click the switch button to wake up, while type-c will automatically wake up after insertion without clicking the button.

5. Operating temperature range

Low temperature may affect the battery capacity of the product, and the product can be used at temperatures ranging from -10 °C to 45 °C.

6. Which devices can be powered?

USB and Type-C: Smartphones, MP3 players, digital cameras, e-readers, tablets, laptops, etc.

12V port: Lamps, car adapters, etc.

The AC power: Laptops, displays, home appliances, etc.

The DC power: DC interface lights, fans, car vacuum cleaners, car audio, etc.

7.Storage and downtime maintenance

When not in use, fully charge the product every 3 months and store it in a cool, dry place.

8.Technical specifications

Charging Time:	AC adapter (51W)	about 5.5 hours
Battery Type:	Lithium Ion Battery	
Battery Capacity:	178WH/48000mAh	
Cycle-index:	1000 Times	
Management System:	Temperature control, surge protection	
Port		
USB port:	5V3A ×2	
Type-C port:	Input 5V/9V/12V/15V/3A 20V/2.25A (PD 45W) Output 5V/9V/12V/15V/3A 20V/2.25A (PD 45W) support PD3.0 and QC2.0	
DC port (In) :	10v~28V/Max 2.8A	
DC Port(Out) :	12v~16.8V7A, Short-circuit protection	
AC Port(Out):	110v/60Hz 120W (Sustained), 150W (Max)	
	sine wave, overload protection, short circuit protection	
General Info		
Weight:	≤1.45kg (Only the storage power net weight)	
LED Power:	2W	
Working Temperature:	-10°C-45°C	

9.Common problems

1. what type of battery is used in the product
This product uses a soft polymer lithium ion battery
2. how to determine if the product is charged
Please refer to the LED display status and flash at 1HZ when charging.
when 100% full, it does not flash.

3. Can the product be taken on board?
No, because this product contains a large number of lithium-ion batteries, the maximum power can reach 150WH, which is regarded as dangerous by airlines.
4. What devices can YP-150W power?
Please note that the AC output port can only charge/power devices that operate at less than 120-Watt; Once exceeding, the YP-150W will shut off automatically. Please refer to your device specification before purchase.
5. How to calculate the working times for Your Device?
Working time = $178\text{Wh} \times 0.85 / \text{operate power of your device}$

For reference, assuming power consumption of your device is 30W, working time will be $178\text{wh} \times 0.85 / 30\text{w} = 5$ hrs (rough calculated) .

10. Troubleshooting

If your device has not successfully used this product for charging, please follow the instructions below:

1. Make sure that the power output port is turned on and the display has a digital display. The AC indicator light needs to be on for the AC output port to work.
2. Check the display power display. If the number is 20% or less, it is recommended to charge the power supply.
3. The power of the device you are using exceeds the maximum output power of the power port.
4. The device cable you are using is not plugged in or is in poor contact.

Solar photovoltaic panel

It can be powered by a 12V solar photovoltaic panel, which can be easily charged by plugging in the panel. Although the intensity of natural light is different from theoretical calculation, and the efficiency of solar photovoltaic panels will decrease in cloudy or windy conditions, solar photovoltaic panels can still collect effective power from sunlight.

11. Warranty and contact information

Guarantee to the user that under the normal use of the product, there will be no defects affecting the use of the product due to the process and materials; This warranty statement sets forth the entire and exclusive warranty obligations of the products. We will not assign or authorize anyone to assume any other responsibilities related to the products we sell.

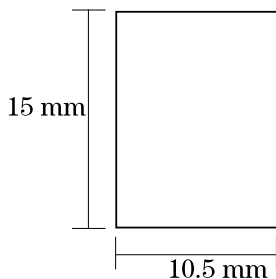
Warranty period

The warranty period is 12 months. In all cases, the warranty period shall start from the date of purchase by the consumer. In order to determine the start date of the warranty period, we need customers provide the purchase certificate or other reasonable documents

The following conditions are not covered by the warranty

1. The appearance of the product is damaged after use;
2. Disassembly and maintenance by non-staff without permission;
3. Product performance failure caused by human factors,
4. Damage caused by natural disasters, lightning, accidents and other irresistible factors.

尺寸：10.5 MM *15 MM



R:35
G:23
B:22



R:247
G:247
B:247

时间：	2021-7-26	产品型号：	YP150
尺寸：	105*150mm		
材质：	105克铜版纸		
颜色：	专色印刷	工艺：	骑马钉