

Portable Power Station User Manual

C036



Warning

1. Please read this manual carefully before using the product.
2. Do not puncture, shock, collide or incinerate this product.
3. Non-professional persons are forbidden to dismantle the machine to prevent electric shock!

About This Product

Thank you very much for using the multi functional portable power station produced by our company. If you encounter a power outage, or need electricity for travel, you can use this product to power your appliances or digital products.

This power supply has a built-in high-quality LiFePO₄ battery that supports DC, USB output, AC output. Before using this product, please read this user manual carefully and keep it for future reference.

Notice

1. The purpose of this manual is to help you use the product correctly, but not represent any description of the hardware and software configuration of this product.
2. For the configuration of the product, please refer to the contract (If any) related to this product, or consult the seller who sold the product to you.
3. The pictures in this manual are for reference only. If any individual pictures that do not match the actual product, please refer to the actual product.

This Portable Power Station Offers Pure Sine Wave Output

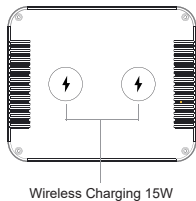
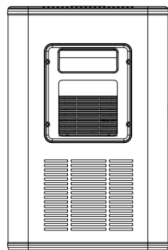
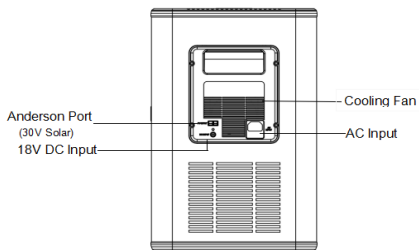
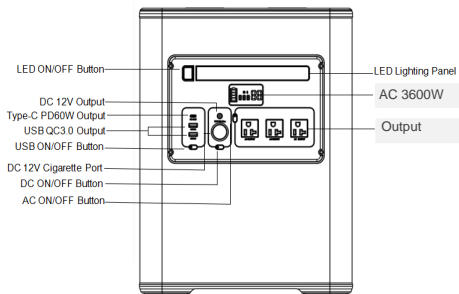
This portable power station built-in inverter offers pure sine wave output, which is consistent with mains electricity waveform. It provides fairly pure AC current for electrical appliances.

And the traditional portable power stations USE modified waves inverters which may cause electrical appliances to make a certain amount of working noise and even cause electrical instability.

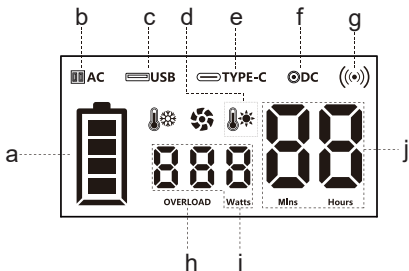
Product Parameters

Battery Capacity	1,134,000mAh/3628.8Wh/3.2V
Size (L*W*H)	335x310x500mm
Weight	About 44.7kg
Built-in Battery	100% original LiFePO4 battery
DC Input	12V–18V/4A (φ5.5*2.1 mm)
AC Input	<input type="radio"/> 110V <input type="radio"/> 230V 1200W
AC Output	<input type="radio"/> 110V <input type="radio"/> 230V 3600W
MPPT	Yes
Solar Power Charging	Anderson port: 30V, 1200W Max DC port: 18V (φ5.5*2.1 mm)
Fully Charged Time	About 4hrs (AC 1200W)
USB Output	USB QC3.0: 5V/3A 9V/2A 12V/1.5A USB-C PD 60W: 5V/3A 9V/3A 12V/3A 15V/3A 20V/3A
Wireless Charging	2*15W
DC Output	DC*1+Cig Port*1. 12V/10A (Max)
AC Power	Continuous Power: 3600W Peak Power: 7200W
LED Lighting	Press the LED button in turn, the light will be bright, strobe, SOS, and off
LED Lighting Power	2W
Battery Indicator	Symbol of battery cell, one cell represents 25% of power
Ambient Temperature	Charging: 0°C–60°C Discharging: -10°C – 60°C Storage: -0°C–35°C
Cycle Life	2000+ Times

Identification and Instructions



LCD Display Screen



a: – Electric Quantity Symbol

One cell is 25% of electric quantity. When charging, the battery column cell increases upward by cell flicker. When the electric quantity reaches 100%, four cells light up and stops flickering, then “FUL” symbol will be shown.

b: AC – AC Output Symbol

Long press AC ON/OFF button to turn on the power. The symbol will light up. At this time, the AC output socket of the product can be used for output. If the AC socket is not used, please long press the AC ON/OFF button in time to power off. The AC symbol will disappear, which can reduce unnecessary loss.
Likewise, for USB, DC Power.

Support charging and discharging at the same time.

c: USB – USB Output Symbol

Long press USB ON/OFF button to turn on the power, and the USB port can be output; When the device output is loaded, the USB symbol is on (Two fast charging USB ports).

d: – High Temperature Alarm Symbol

If temperature is too high when in using, this symbol will be on.

e:  TYPE-C – Type-C Output Symbol

Long press USB ON/OFF button to turn on the power, and then the Type-C port can be output. When the device output is loaded, the Type-C port symbol is on. When charging the load via USB-C PD 60W port, the related charging watt and Type-C port symbol will be on.

f:  DC – DC Output Symbol

After Long press DC ON/OFF button to turn on the power, the DC output function of the product can be used. This symbol lights up when the device output is loaded.

g:  – Wireless Charging Symbol

After Long press USB ON/OFF button turn on the power, the wireless charging function of the product can be used. This symbol lights up when the device output is loaded.


h: **OVERLOAD – Overload Alarm Symbol**


When overloaded (DC/USB Output), the overload alarm symbol will be on, corresponding port symbol will flash, the automatic protection will be turned on and the output will be closed; Remove the load and then long press the related button to Restart.


When overloaded (AC Output), the buzzer sounds, the automatic protection will be turned on and the output will be closed; Remove the load, Long press AC button to OFF, then long press again to Restart.

i:  – Real Time Power Display Symbol

When the power supply is charged or discharged, the current input or output power is displayed (Only charging power is displayed when charging and discharging at the same time).

j:  – Real Time Use of Time Symbols

 When the product is charging the electric appliance, the letter hours under the number is on, and the data displayed is the remaining service hours of the power supply items (Only displayed as an integer when it is more than one hour);

 When the product is charging the electric appliance, the letter mins under the number is on, and the data displayed is the remaining minutes of use of the power supply items (Only displayed as an integer when it is less than one hour).

Charging Mode



Note:

1. DC input port is $\phi 5.5 \times 2.1$ mm.
2. Solar panels are sold separately.

Safety and Maintenance

- 1) Do not short-circuit the device. Please avoid storing this device with coins, bracelets, keys and other metal objects.
- 2) Do not heat the device or put it into fire, water and other liquids at high temperatures, including direct exposure to the sun;
- 3) Do not place the device in a highly humid and dusty environment;
- 4) Do not bump or uninstall the device;
- 5) Do not drop, place heavy objects or strongly impact the product;
- 6) Please avoid low physical, perceptual and mental abilities (Including children) and inexperience people using this product. Use this product only if it is supervised or directed by someone responsible for their safety.
- 7) Please avoid children playing with this product;
- 8) Do not cover the product with towels, clothes and other articles when using;
- 9) The product may generate heat when charged. This is normal. Be careful when handling;
- 10) Please dispose of end-of-life products according to regulations, and do not dispose of the built-in battery as household waste, so as not to cause explosion and pollution;
- 11) Use the product normally and avoid electric shock.

Products Usage Tips

- 1) This product is built in high-quality original LiFePO₄ battery, no memory effect, large capacity and durable. But we still recommend users to use in the range of 10–30°C to obtain the optimal charging capacity;
- 2) Please stay away from TV, radio and other equipment to avoid interference during charging;
- 3) If the device has not been used for a long time, please disconnect the cable before storage;
- 4) To extend the life of the product (LiFePO₄ battery), it is best to charge once within 3 months, at least once within 6 months.

Recycling

Be sure to take used electronics, batteries, and packaging materials to a special recycling site. This can help prevent uncontrolled waste disposal and help promote material recycling.

Battery Information

The device has a built-in non-removable rechargeable battery. Do not attempt to remove the battery to avoid damaging the device. Batteries can be charged and discharged hundreds of times, but eventually fail.

Statement

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