

User Manual



Attention:

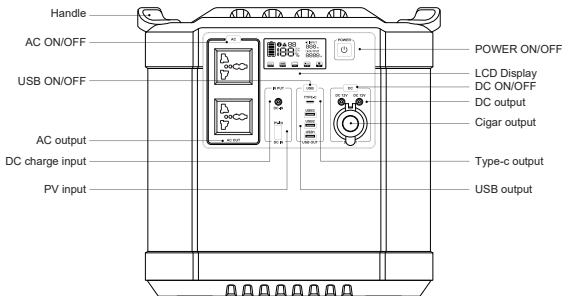
This portable power station AC output range between of 100V~120V or 220V~240V 50/60Hz, actual product specification, actual AC outlets will be different according to different countries, areas or customers. Please refer to the actual products before you buy this product.

Thanks for purchasing our portable solar generator power station. Please read this manual carefully before use and keep it for review.

This manual helps you to operate this device correctly. But it is not the introduction of the software and hardware configuration. To know the configuration of the product, please refer to the related contract or consult with your distributor. The images in this manual are for reference only.

Thank you!

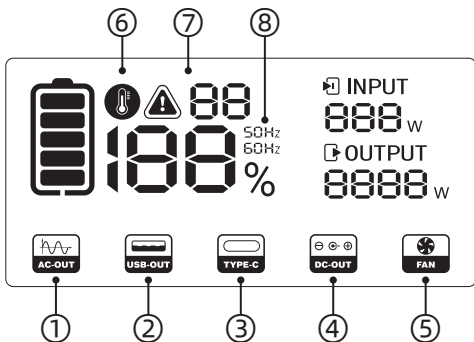
Product Description



Specifications

Model	G1600L
Battery Capacity	3.2V 455000mAh 1456Wh
Rated Power	2000W, Peak 4000W
Battery Type	LiFePO4
Adaptor	CC/CV 25.5V/8A
Car Charge Input	12V/24V 8A max,200W max
Solar Charge Input	18V~30V 8A max,200W max
AC Output	100V~120V or 220V~240V 50/60Hz
USB Output	5V/2.4A
QC 3.0 Output	5V/3A, 9V/2A,12V/1.5A
DC Output	12V±1V /8A
Type C Output	PD 60W: 5V/3A, 9V/3A, 12V/3A,15V/3A, 20V/3A
Output Waveform	Pure Sine Wave
Gross Weight	About 20KG
Product Size	L320*W230*H330mm
Operation Temperature	-10°C (14°F) ~60°C (140°F)
Protection Circuit	Short Circuit Protection
	Over Current Protection
	Over Power Protection
	Over Discharge Protection
	Over Charge Protection
	Over Temperature Protection
Package Included	1 x Portable Power Station
	1 x AC Adaptor
	1 x Power Cable
	1 x Car Charger
	1 x User Manual

LCD Display
















- ① It will light up when AC ports start work.
- ② It will light up when USB ports start work.
- ③ It will light up when Type-c ports start work.
- ④ It will light up when DC ports start work.
- ⑤ It will light up when the power station temperature over 40°C (104°F) or AC output over 600W, the fan start working to cool down.
- ⑥ It will light up when the power station temperature over 60°C(140°F) or below -10°C(14°F), please turn off the AC output.
- ⑦ It will light up when the power station is faulty and show the corresponding error code.
- ⑧ It will lights up when Circuit Frequency is switched manually.



AC output voltage and frequency will be different according to different countries or areas. Please refer to the actual product before using.

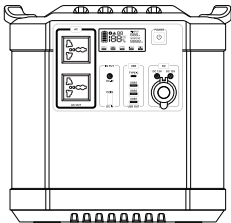
Error Code & Troubleshooting

 01	USB short circuit or overload protection
 02	QC3.0 short circuit or overload protection
 03	DC short circuit or overload protection
 04	AC short circuit protection
	Explain: There is potentially a short circuit inside your device or the power station.
	Troubleshooting:Please plug out the devices firstly ,press the button to recover the function.
 05	AC overload protection
	Explain:the loading power of the electrical applications over 2000W.
	Troubleshooting:Press the AC button 3s to recover the function.choose our models >2000W to fit your devices.
 06	AC inverter over temperature protection
	Explain:The inverter will automatically cut off the output if the temperature over 80°C (176°F)
 07	Battery over temperature protection when discharging.
	Explain:The output will be cut off when the battery temperature is over 60°C (140°F)
	Troubleshooting:Press the AC button 3s to eliminate it.let the power station stay for a period of time until temperature down.
 08	Battery low temperature protection when discharging
	Explain:The output will be cut off when the battery temperature is over -10°C (14°F)
 09	Battery over temperature protection when charging
 10	Battery low temperature protection when charging
 11	Charge input over voltage protection
 12	Battery over voltage protection
 13	Battery low voltage protection

How to use your portable power station?

1.Power Button:Press 3s could turn off all output.

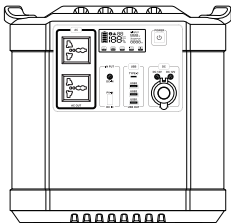
Pressing any one of the buttons 1s could wake up the display,the display will automatically turn off after detecting no output for 20s.



According to the power station you currently have,Limited Device Wattage<2000W, Laptop, Fan,TV,CPAP etc. AC will shutdown when it's short circuited or power overloaded. Remove the device to recover from short circuit or overpower protection.

2.AC output: Press 2s to turn on/off the inverter

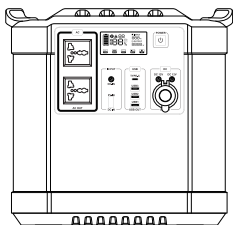
— When the AC output power is lower than 5W for up to 3 hours, the AC will automatically turn off to save energy.



SmartPhone,Digital camera,Tablet,Etc.

3.USB output: Press 1s to turn on/off .

— When the USB output power < 1W for up to 1 hour, the USB ports will automatically turn off to save energy.



Support DC12V Devices such as Vacuum Cleaner, Inflation Pump, Electric wrench, car fridge, etc.

4.DC output: Press 1s to turn on/off .



— When the DC output power < 2W for up to 1 hour, the DC ports will automatically turn off to save energy.

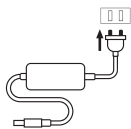
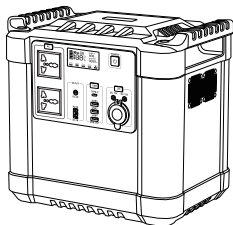
Circuit Frequency Change:

Turn on AC output,click AC button 5 times constantly in 3s to change the frequency.

How to charge the Portable Power Station?




1. Charge by AC adaptor

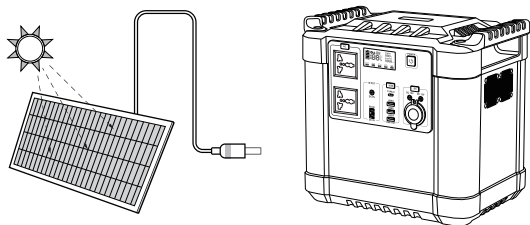
- Please connect our original adaptor to the household AC socket, connect the DC plug of standard charging adapter with the DC input interface  of this product, you'll know the unit is charging when the battery icon  light up, the light will twinkle, at the same time, When the product is full of power, the battery icon will fully light, After the power station is fully charged, please remove the charger in time.



▲ Charging this unit with
AC adapter

2. Charge by Solar Panel

- Place your solar panel where it will get as much direct sunlight as possible.
- Plug the output of the solar panel (DC 5.5*2.1mm or PV) into the input of the unit to start charging. connect with the DC input interface  or  of this product, you'll know the unit is charging when the battery icon  light up, When the product is full of power, the battery icon will fully light.



Product Application Skills

1) This product is built in high quality original lithium ion battery, it has no memory effect but high-capacity, and it is durable. However, we still recommend you to apply in the range of 10°C~30°C, so as to obtain the optimal charging capacity.

2) When charging, in order to avoid interference, please stay away from TV, radio and other equipment.

3) If the device has not been used for a long time, please disconnect the cable and store.

4) Some portable devices may need to be set in charge mode to charge, see the corresponding equipment use manual for more information.

5) After starting, if there is no any output, it displays to automatically shut down within 20 seconds, so as to achieve better energy-saving effect.

Attention

1) To avoid short-circuiting, keep the unit away from all metal objects (e.g. coins, hair -pins, keys, etc).

2) Do not heat the unit, or dispose of it in fire, water or other liquids. Keep away from high temperatures. Do not expose the unit to direct sunlight.

3) This appliance is not intended for use by persons (including children) with reduced

physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

4) Children should be supervised to ensure that they do not play with the appliance.

5) The unit may become hot when charging, this is normal. Do not cover the device with towels, clothing and other item.

6) Please deal with scrap products in accordance with the regulations, do not treatment the built-in battery as a household garbage, so as not to cause the explosion and pollution.

7) The product is only used for emergency power station, it can not replace the standard DC or AC power of household appliances or digital products.

8) Your device has and internal, non-removable, rechargeable battery. Do not attempt to remove the battery, as you may damage the device.



To preserve lifespan
recharge every 3 months



Use original
or certified cables



Don't expose
to liquids



Don't disassemble



Avoid dropping



Avoid extreme
temperatures