

User Manual



Attention:

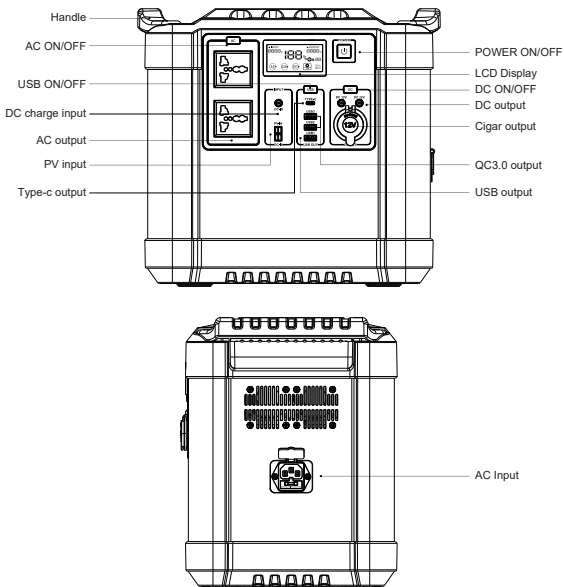
This portable power station AC output range between of 100V~120V or 220V~240V 50/60Hz,actual product specification, actual AC outlets will be different according to different countries, areas or customers. Please refer to the actual products before you buy this product.

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!

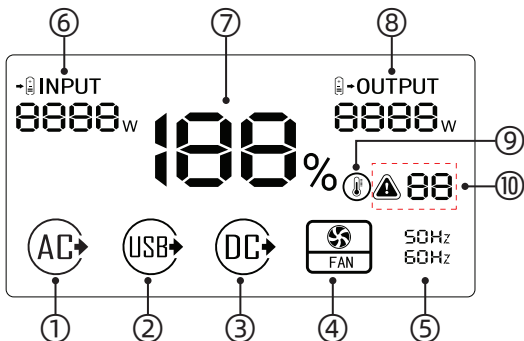
Product Description



Specifications

Model	G2000L-S
Battery Capacity	44.8V 45Ah 2016Wh
Rated Power	2200W, Peak 4000W
Battery Type	LiFePO4
AC Charging Input	AC 1600W max
Car Charge Input	12V 8A max
Solar Charge Input	12V~60V 20A max,600W max
AC Output	100V~120V or 220V~240V 50/60Hz
USB Output	5V/2.4A
QC 3.0 Output(*2)	5V/3A, 9V/2A,12V/1.5A
DC Output	12V / 8A
Cigar port output	12V / 10A max
Type C Output	PD 100W: 5V/3A,9V/3A,12V/3A,15V/3A,20V/5A
Output Waveform	Pure Sine Wave
Gross Weight	About 22KG
Product Size	L320*W230*H360mm
Operation Temperature	-10°C (14°F) ~40°C (104°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 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/Type-c ports start work.
- ③ It will light up when DC ports start work.
- ④ 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.
- ⑤ It will lights up when Circuit Frequency is switched manually.
- ⑥ When you charge the machine, the charging icon lights up. And display the input power in real time.
- ⑦ Real-time display of electric quantity
- ⑧ When the machine discharges externally, the output icon lights up and displays the real-time output power.
- ⑨ 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.
- ⑩ When the machine fails, the fault code will be displayed. After troubleshooting, this icon will go out.



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

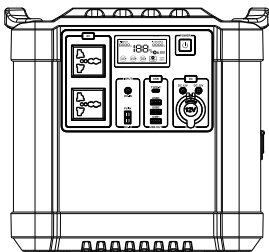
Error Code & Troubleshooting

⚠ 01	USB short circuit or overload protection
⚠ 02	QC3.0 short circuit or overload protection
⚠ 03	Type-C short circuit or overload protection
⚠ 04	DC short circuit or overload protection
⚠ 05	Input overvoltage protection when DC charging
⚠ 06	Short circuit protection at AC output
⚠ 07	Overload protection when AC output
⚠ 08	Automatic protection when AC inverter overtemperature
⚠ 09	Automatic protection when Ac rechargeable battery overcurrent
⚠ 10	Automatic protection when Ac rechargeable battery overcharge
⚠ 11	Ac input undervoltage
⚠ 12	Ac input overvoltage

How to use your portable power station?

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

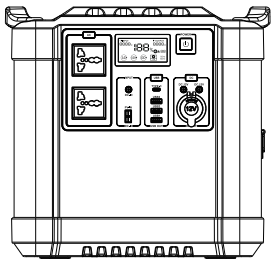
Pressing any one of the buttons 1s could wake up the display,the display will automatically turn off after detecting no output for 20s.



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.

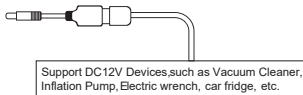
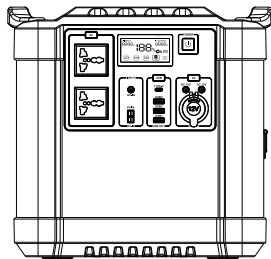
2.AC output: Press 2s to turn on/off the inverter

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



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

—— When the USB output power < 1W for up to 3 hour, the USB ports will automatically turn off to save energy.



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

—— When the DC output power < 2W for up to 3 hour, the DC ports will automatically turn off to save energy.

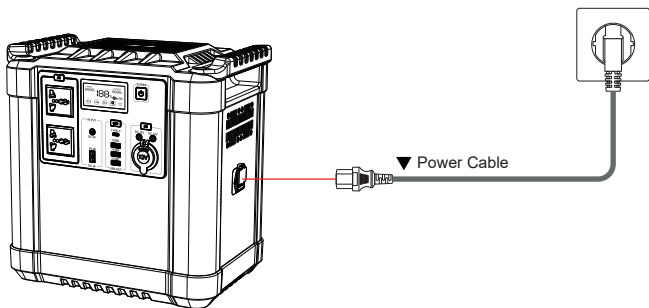
Circuit Frequency Change:

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

How to charge the Portable Power Station?

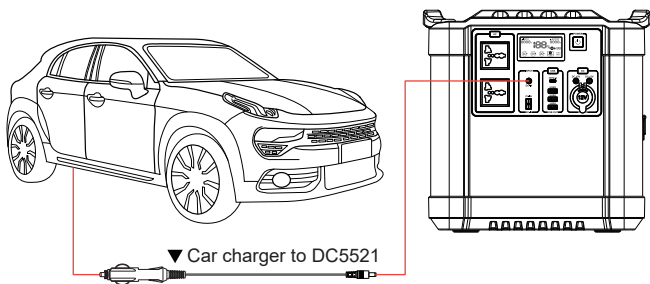
1.Charging by AC input

Please connect our power station to the household AC socket, you'll know the unit is charging when the battery power icon light up, When the product is full of power, the icon will fully light, please remove the cable after fully charged.



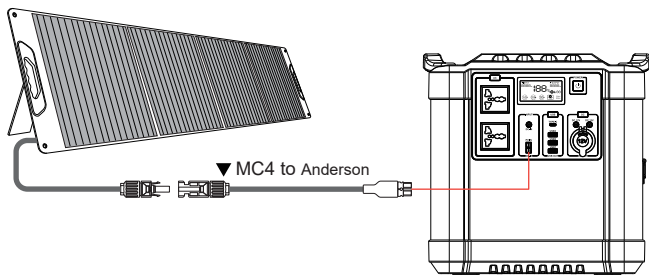
2.Charging by car

- Users can recharge the product through the Car Outlet. It supports 12V/24V car chargers and an 8A default charging current.
- Please charge using the car charger after you' ve started the car to avoid failure to start due to insufficient car battery. In addition, please make sure that the cigarette lighter of the Car Outlet and the Car Charger Input Cable are in good condition.



3.Charging through solar panels

- Place your solar panel where it will get as much direct sunlight as possible.
- Plug the output of the solar panel(Anderson) or MC4 to Anderson Cable into the input of the unit to start charging,the solar panel support 600W max /12~60V 20A max.



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