

# Gospower 1000W Portable Power Station User Manual

Manual version number: V1.0



Please read the instructions carefully before using the product and keep it properly.

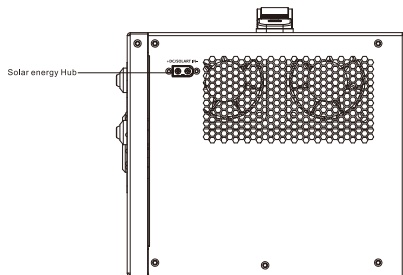
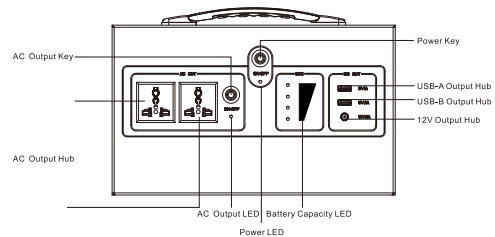
⚠ Security Warning

**Improper use may cause battery function failure, overheat, even fire or explosion! In order to avoid personal injury and property damage, please strictly comply with the following requirements to save and use this product:**

- Please be sure to use the standard charging cable for this product to avoid any accidents.
- This product is not waterproof. Do not allow it to come into contact with any liquids.  
Do not immerse this product in water or let it get wet. Do not use this product in the rain or in a humid environment.
- Do not charge immediately after high-power discharge. To ensure battery longevity and safety, it is recommended to let the battery cool at room temperature for 2-3 hours before charging.
- It is prohibited to use this product in an environment with strong static electricity or strong magnetic field.
- When using this product, please strictly follow the operating temperature in this manual.
- Do not put fingers, hands, or any part of your body into the product.
- Do not place this product in locations that obstruct its heat dissipation while charging it or charging other devices.
- It is prohibited to forcibly block the fan during use or leave this product in an unventilated or dusty space.
- Do not disassemble, impact, crush, or short-circuit this product. Do not submerge it in water or fire (including placing it near stoves, heaters, or other heat sources), and do not store it in environments with temperatures above 60°C.

- If the product accidentally falls into water during use, place it in a safe, dry, open area and stay away from the product until it is completely dry.  
Do not use the dried product again, and dispose of it according to local laws and regulations. In case of fire, use a fire extinguisher in the following recommended order: sand, fire blanket, dry powder, carbon dioxide fire extinguisher.
- If this product experiences severe drops, strong vibrations, liquid ingress, swelling, deformation, leakage, or a significant decrease in capacity, please stop using it immediately and dispose of it properly.
- Please dispose of this product, batteries, and other accessories according to local regulations and do not treat them as household waste.  
Improper handling of batteries may lead to explosion.
- This product contains a non-removable internal battery. Do not open the product yourself or replace the battery on your own, as this may damage the battery or cause other hazards.
- Please keep this product out of the reach of children and pets to avoid accidents; to reduce the risk of injury, close supervision is required when using this product near children and pets.
- Do not use this product with damaged wires, plugs, or output cables.
- When this product needs repair, please do not disassemble the power supply yourself. Repairs must be carried out by qualified maintenance personnel designated by the product.
- If the interface of this product is dirty or water-stained, please use a dry cloth to wipe it with the product turned off.

## Product introduction



## Power On, Power Off, and Button Control

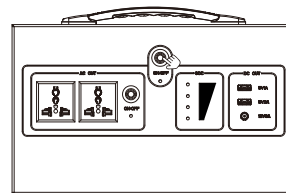
**Power On:** Press and hold the Power button for 1 second to turn on the product, with 5V and 12V outputs available.

After the Power indicator and Battery indicator lights remain on, briefly press the AC output button to turn on the 220V AC output.

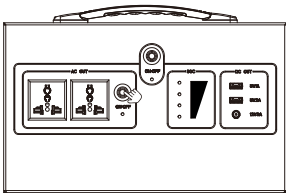
The AC output indicator will remain on.

**Power Off:** Press and hold the Power button for 3 seconds to turn off the product.

**Standby Power Off:** If the AC output is off and the DC 5V and 12V outputs are unloaded, the product will enter standby power-off mode after approximately 3 minutes.



Press the Power button for 1 second to turn on

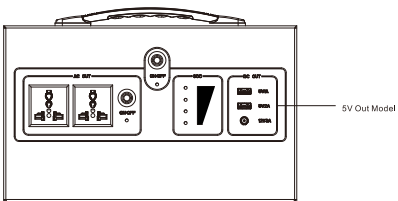


Short press the AC out button to turn on the AC output after powering on

#### USB Module and 12V Module Instructions

When the product is powered on, the USB and 12V discharge functions are enabled by default, with the indicator lights remaining on.

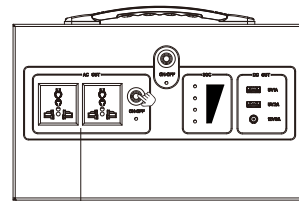
The USB and 12V discharge should not exceed 3A. Press and hold the Power button for 3 seconds to turn off the DC modules.



#### AC Output Module Operation Instructions

When the product is powered on, briefly press the AC module switch button to turn the AC output function on or off.

The indicator light will remain on or off accordingly. In addition, it is necessary to ensure that the AC output power is less than or equal to 1000W in order to operate normally.



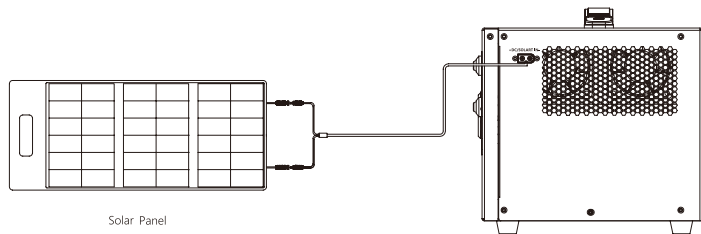
AC Out Model

Note: AC output does not support powering equipment with ground detection function.

#### Charging Module Operation Instructions

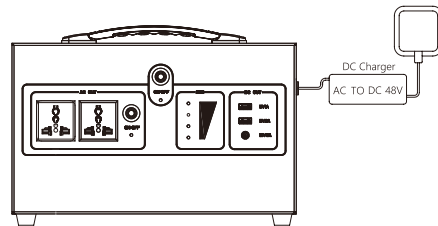
##### Solar Charging

Connect the solar module, and the product will begin charging.



#### DC Power Charging

Use a recommended 48V constant voltage DC adapter that supports a maximum current of 8A. Connect the DC power cable (18 AWG or above), and the product will begin charging.

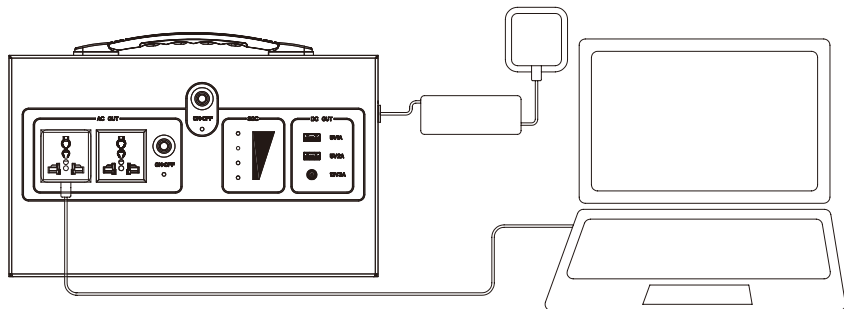


#### Simultaneous Charging and Discharging Function

In the “solar charging & DC charging” mode, the product supports both AC and DC discharging simultaneously.

If the discharge power of the connected device exceeds the charging power, it may cause the discharge device to lose power and stop functioning properly.

In such cases, ensure that the discharge power is significantly less than the charging power, or continue discharging once the battery is fully charged. It is not recommended to discharge or use the simultaneous charging and discharging function when the battery power is low.



## Parameter Specifications

### Basic Parameters

Product name: 1000W Portable Power Station

Product net weight: about 12Kg

Product size: 300\*205\*180mm

### Output Specifications

AC output power (x2): 1000W MAX 220V/50Hz

DC output: 12V3A 36W MAX

USB total output: 15W MAX

### Input Specifications

Solar/DC power supply input: 25~110V

Battery Capacity: 50Ah,

Implementation standard: Q/JSZM0022

Battery type: Lithium iron phosphate cell

USB-1 output: 5V1A MAX

USB-2 output: 5V2A MAX

Solar/DC power supply charging current: 15A MAX

### Operating Temperature

Optimum operating temperature: 20°C ~ 30°C

Battery discharge operating temperature: -5°C ~ 45°C

Battery charging operating temperature: -5°C ~ 45°C

Storage environment temperature: -15°C ~ 55°C

### Packing List

1000W Portable Power Station , protection bag, user manual, 54.6V/3A charger with input/output cable, 0.5m XT60-MC4 cable.

### Fault Display and Handling

Indicator status	Fault type	Fault recovery method
All SOC Indicators are off	battery under voltage	charge the battery to above 18V
AC Output indicator flashes	battery overvoltage	discharge the battery below to 21v
AC Output indicator flashes Power indicator flashes	AC OUT overload/short circuit protection	Restore the load below 1000W and press the AC Output Key to clear the fault.
AC Output indicator flashes	Internal over-temperature protection of power supply	Cool down to normal temperature and press AC Output Key to clear the fault
All indicator lights are off	Battery over-temperature/low temperature protection	Faults can be cleared automatically in charging mode

### Name and content of harmful substances in products

Part name	Hazardous substances					
	Pb	Hg	Cd	Cr (VI)	PBB	PBDE
Printed circuit components	×	○	○	○	○	○
Battery pack	○	○	○	○	○	○
Shell	○	○	○	○	○	○
Small structural parts such as gaskets and tapes	×	○	○	○	○	○
Wire	○	○	○	○	○	○
<p>This form is prepared in accordance with the provisions of SJ/T 11364.</p> <p>○: It means that the content of the hazardous substance in all homogeneous materials of this part is below the limit requirements specified in GB/T 26572.</p> <p>×: Indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T 26572.</p>						

#### 1000W Portable Power Station Warranty Information

The after-sales service for the 1000W Portable Power Station is strictly implemented according to the “Consumer Rights Protection Law of the People’s Republic of China” and the “Product Quality Law of the People’s Republic of China”.

The service includes the following:

##### 1. Warranty Period

1.1 Within 7 days from the day after you receive the product, if the product experiences performance issues, you can enjoy free return or exchange services.

1.2 Within 36 months from the day after you receive the product, if the product experiences performance issues and is confirmed by the after-sales service center, you can enjoy free repair services.

##### 2. Warranty Coverage

The power supply unit is covered by a 3-year warranty.

##### 3. Non-Warranty Terms

1.1 Unauthorized repairs, misuse, collisions, negligence, abuse, liquid ingress, accidents, modifications, incorrect use of non-original accessories, or tampering with or altering labels and anti-counterfeit marks.

1.2 The warranty period has expired.

1.3 Damage caused by force majeure events.

#### 4. Portable power station performance fault table

Name	Performance fault
1000W Portable Power Station	<ul style="list-style-type: none"><li>• Shell cracks caused by structural or material factors</li><li>• The indicator light cannot be displayed</li><li>• Not working properly</li></ul>

##### 5. Tips

Since packaging boxes are required to ensure the safety of product transportation during transportation, it is recommended that you keep the packaging boxes for at least 30 days from the date of receipt.