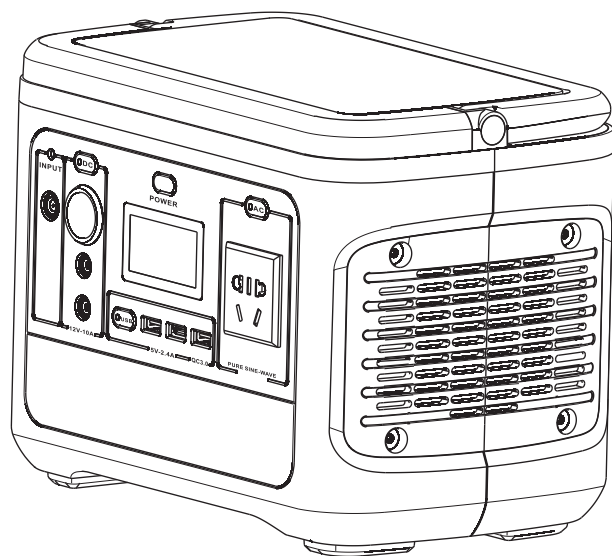


封面

封底














Portable Power Station



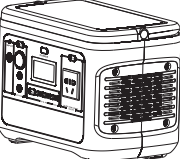
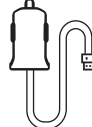
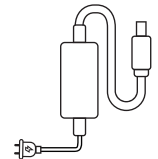

Outdoor power supply SG500
User guide SG600
SG1000

UN CN US UK
AU ZA EU

SG500 Technical parameter

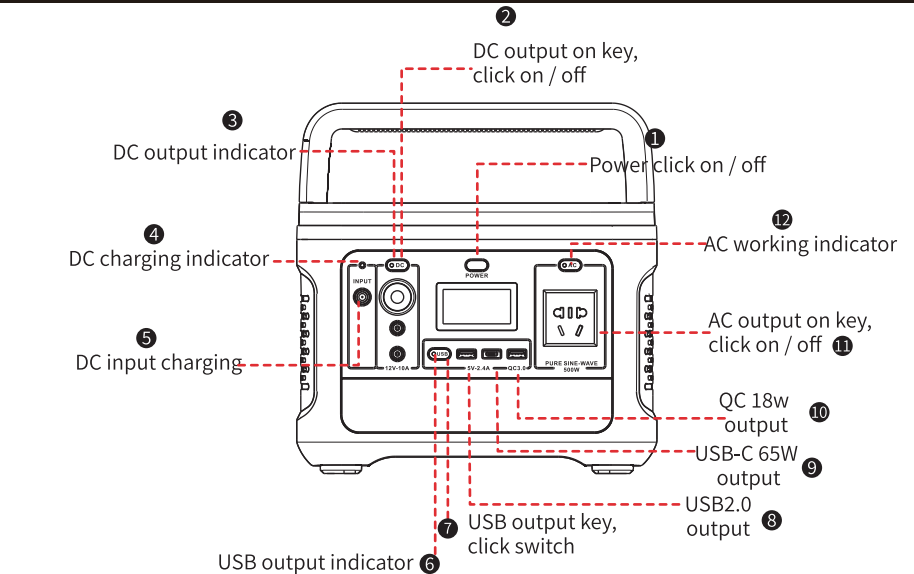
 Battery capacity 22.2V/22.5Ah 499.5Wh	 Weight 5.4kgs	 Size 275*170*215 mm	 DC input port 20V \pm 5A (support 12-24V)	 Vehicle charging output port 12V \pm 8A	 AC output port 500W continuous / 1000W peak	 USB output port 5V2.4A QC- 18w USB-C 65W
 Battery Lithium electronic battery	 Battery cycle ≥ 800	 Warranty 1 year	 Certificate FCC CE ROHS	 Operating / charging temperature Service temperature: -10 ~ 40 °C charging temperature: 0 ~ 40 °C	 Protection system Overcharge protection / over discharge protection Over current protection / over temperature protection Short circuit protection / overvoltage protection, etc	

Packing list

 500W outdoor power supply	 Car charger	 AC power adapter	 User guide
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2

Function panel description



Input power Display percentage of input power



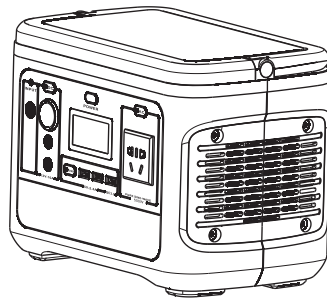
Output power

- DC: DC working indicator
- AC: AC work indicator
- ⚠ Over operating temperature warning / overload warning / short circuit warning
- ⚡ Flashing is low voltage warning
- LED light: click normally on, click SOS mode again, and click LED light off again

3

Precautions for use

- 1: High temperature protection. When the temperature is greater than or equal to 75 °C, the machine will start the automatic protection and prohibit input and output. When the temperature is less than 75 °C, it will return to normal.
- 2: Power on / off key. Please click the power key to turn off the power.
- 3: When the indication of DC, USB and AC lights up, it means that the output port has been turned on, and the corresponding equipment can be powered.
- 4: When not using the power output port, please press 1, 2, 7, 11 or power key to turn off the power to save power.
- 5: At low temperature, the battery capacity of the product may be affected. The product can be charged in the temperature range of 0-40 degrees, and the equipment can be powered in the temperature range of -10 degrees to 40 degrees.
- 6: For the first time, it is recommended to fully charge the battery to avoid the inconvenience caused by insufficient power.
- 7: AC output port only supports equipment within 500W, and equipment larger than 500W does not supply power.



Charging mode

Before using or storing the product, please use the charger to charge the product. When charging, the indicator light is blue. The LED screen will display the current charging ratio and charging power. When the LED screen shows 100% power, it means full charge. The charging process is about 10.5 hours. The current power can be viewed through the LED screen.



Standard charger,
about 6 hours



Car charger,
about 7 hours
















150W solar photovoltaic panel,
about 6 hours

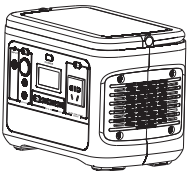
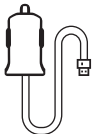
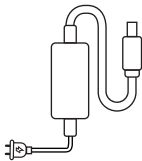

(the charging time is determined by the intensity of sunlight). Support solar photovoltaic panel MPPT function charging (12-24 V)

The above data are from the laboratory. The test data may vary due to the use environment, use method and other factors, and the charging time will be different. This test data is for reference only.

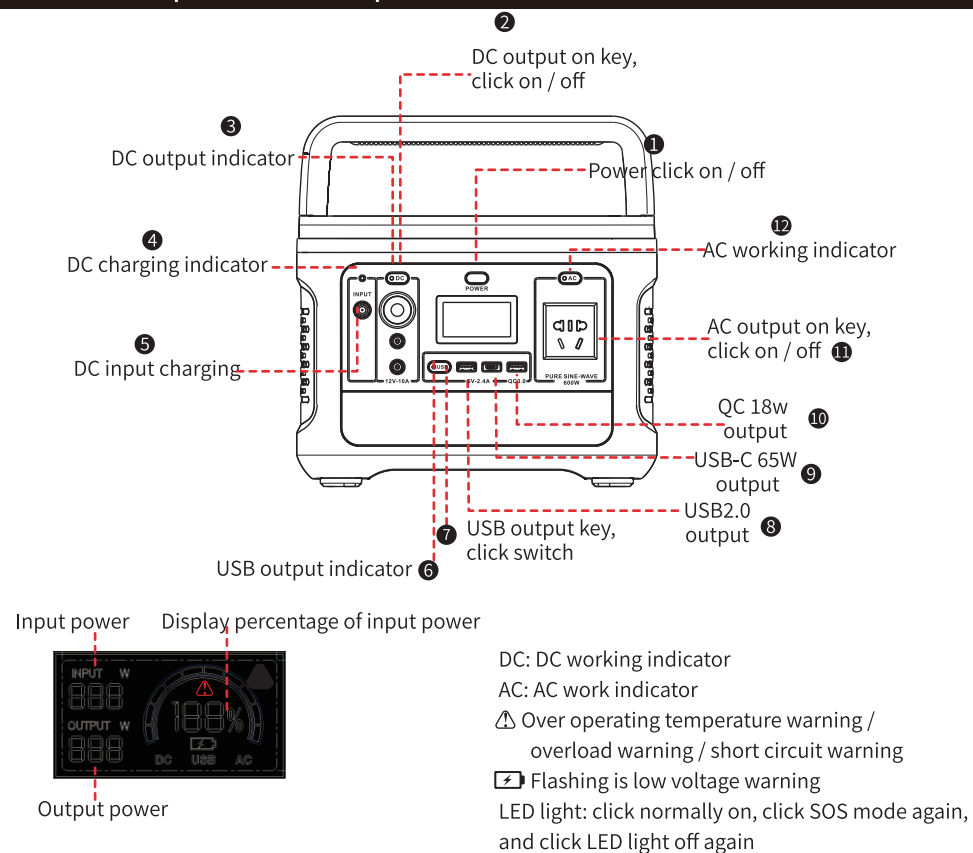
SG600 Technical parameter

 Battery capacity 22.2V/26Ah 577.2Wh	 Weight 6kgs	 Size 275*170*215 mm	 DC input port 20V \pm 5A (support 12-24V)	 Vehicle charging output port 12V \pm 8A	 AC output port 600W continuous / 1200W peak	 USB output port 5V2.4A QC- 18w USB-C 65W
 Battery Lithium electronic battery	 Battery cycle ≥ 800	 Warranty 1 year	 Certificate FCC CE ROHS	 Operating / charging temperature Service temperature: -10 ~ 40 °C charging temperature: 0 ~ 40 °C	 Protection system Overcharge protection / over discharge protection Over current protection / over temperature protection Short circuit protection / overvoltage protection, etc.	

Packing list

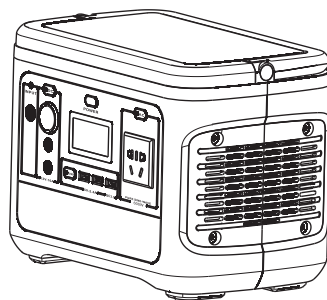
 600W outdoor power supply	 Car charger	 AC power adapter	 User guide
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Function panel description



Precautions for use

- 1: High temperature protection. When the temperature is greater than or equal to 75 °C, the machine will start the automatic protection and prohibit input and output. When the temperature is less than 75 °C, it will return to normal.
- 2: Power on / off key. Please click the power key to turn off the power.
- 3: When the indication of DC, USB and AC lights up, it means that the output port has been turned on, and the corresponding equipment can be powered.
- 4: When not using the power output port, please press 1, 2, 7, 11 or power key to turn off the power to save power.
- 5: At low temperature, the battery capacity of the product may be affected. The product can be charged in the temperature range of 0-40 degrees, and the equipment can be powered in the temperature range of -10 degrees to 40 degrees.
- 6: For the first time, it is recommended to fully charge the battery to avoid the inconvenience caused by insufficient power.
- 7: AC output port only supports equipment within 600W, and equipment larger than 600W does not supply power.



Charging mode

Before using or storing the product, please use the charger to charge the product. When charging, the indicator light is blue. The LED screen will display the current charging ratio and charging power. When the LED screen shows 100% power, it means full charge. The charging process is about 10.5 hours. The current power can be viewed through the LED screen.



Standard charger,
about 7.5 hours



Car charger,
about 8 hours
















150W solar photovoltaic panel,
about 8 hours

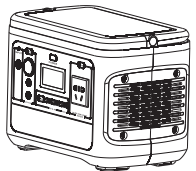
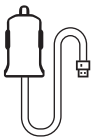
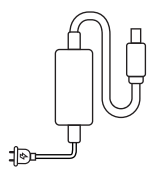
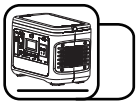
(the charging time is determined by the intensity of sunlight). Support solar photovoltaic panel MPPT function charging (12-24 V)

The above data are from the laboratory. The test data may vary due to the use environment, use method and other factors, and the charging time will be different. This test data is for reference only.

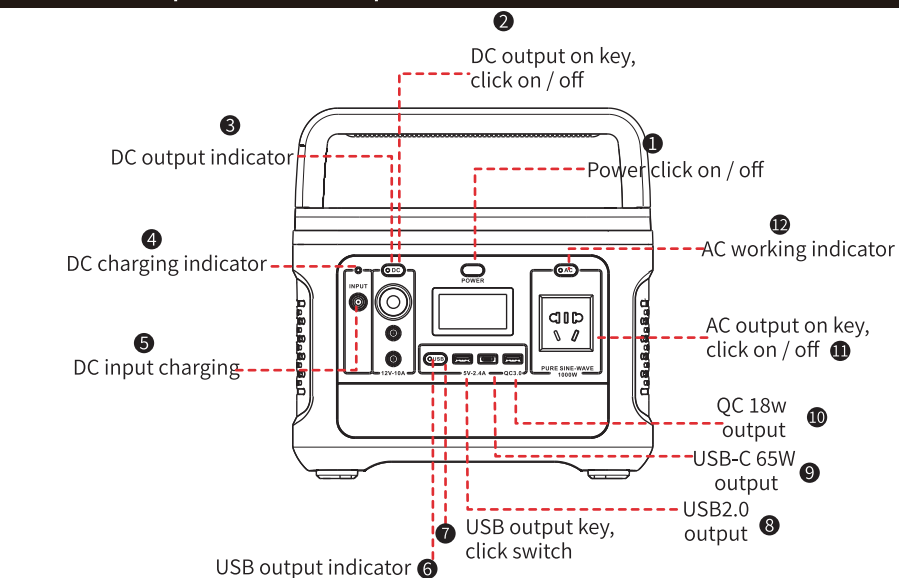
SG1000 Technical parameter

 Battery capacity 22.2V/45Ah 999Wh	 Weight 7.5kgs	 Size 275*170*215 mm	 DC input port 20V --- 5A (support 12-24V)	 Vehicle charging output port 12V --- 8A	 AC output port 1000W continuous / 2000W peak	 USB output port 5V2.4A QC- 18w USB-C 65W
 Battery Lithium electronic battery	 Battery cycle ≥ 800	 Warranty 1 year	 Certificate FCC CE ROHS	 Operating / charging temperature Service temperature: -10 ~ 40 °C charging temperature: 0 ~ 40 °C	 Protection system Overcharge protection / over discharge protection Over current protection / over temperature protection Short circuit protection / overvoltage protection, etc.	

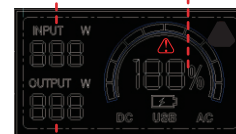
Packing list

 1000W outdoor power supply	 Car charger	 AC power adapter	 User guide
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Function panel description



Input power Display percentage of input power

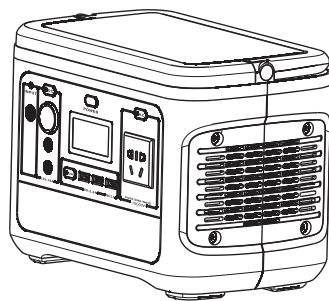


Output power

- DC: DC working indicator
- AC: AC work indicator
- ⚠ Over operating temperature warning / overload warning / short circuit warning
- ⚡ Flashing is low voltage warning
- LED light: click normally on, click SOS mode again, and click LED light off again

Precautions for use

- 1: High temperature protection. When the temperature is greater than or equal to 75 °C, the machine will start the automatic protection and prohibit input and output. When the temperature is less than 75 °C, it will return to normal.
- 2: Power on / off key. Please click the power key to turn off the power.
- 3: When the indication of DC, USB and AC lights up, it means that the output port has been turned on, and the corresponding equipment can be powered.
- 4: When not using the power output port, please press 1, 2, 7, 11 or power key to turn off the power to save power.
- 5: At low temperature, the battery capacity of the product may be affected. The product can be charged in the temperature range of 0-40 degrees, and the equipment can be powered in the temperature range of -10 degrees to 40 degrees.
- 6: For the first time, it is recommended to fully charge the battery to avoid the inconvenience caused by insufficient power.
- 7: AC output port only supports equipment within 1000W, and equipment larger than 1000W does not supply power.



Charging mode

Before using or storing the product, please use the charger to charge the product. When charging, the indicator light is blue. The LED screen will display the current charging ratio and charging power. When the LED screen shows 100% power, it means full charge. The charging process is about 10.5 hours. The current power can be viewed through the LED screen.



Standard charger,
about 7 hours



Car charger,
about 13 hours



200W solar photovoltaic panel,
about 10 hours

(the charging time is determined by the intensity of sunlight). Support solar photovoltaic panel MPPT function charging (12-24 V)

The above data are from the laboratory. The test data may vary due to the use environment, use method and other factors, and the charging time will be different. This test data is for reference only.

Fault phenomenon		Troubleshooting	Solutions
The product cannot be charged	1. The charger and product are not in good contact with the mains power supply (the charging indicator is not on at this time)		Check whether the charger and product are in good contact with the mains power
	2. The contact is good, but the charging indicator is not on		If the charger is broken, please contact after-sales service
	3. If the charging indicator light is on, it still can't be charged		If the product is broken, please contact after-sales service
The product has no output	1. The connection line between the equipment and the product is not plugged in properly		Make the equipment well connected with the product
	2. The output port switch is not turned on		Turn on the port output switch, and the indicator light will be on
	3. Low power consumption		Charging the product
	4. There is no output after eliminating according to 1.2.3 above		If the product is broken, contact the after-sales department for handling
With device output interrupt	1. The nominal power or instantaneous starting power of the equipment used is greater than the power of the product		Select higher power energy storage products
	2. If the equipment used is short circuited, an alarm symbol will appear on the display screen, an alarm sound will be sent, and the product will automatically turn off the output within 15 seconds		It is not a product problem. It is recommended to replace the equipment.
	3. The output will still be turned off after removing according to the above 1.2 point		If the product is broken, contact the after-sales department for handling

Warnings and precautions

When using this product, you should always follow the basic precautions, including:

- a. Please read all instructions before using this product.
- b. In order to reduce the 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 lead to the risk of electric shock.
- d. When the product is not in use, please pull the power plug out of the product socket.
- e. It is forbidden to dismantle the product, which may lead to unpredictable risks such as fire, explosion or electric shock.
- f. Do not use damaged wires or plugs or damaged output cables to use the product, which may cause electric shock.
- g. Please charge the product in a well ventilated place. Do not restrict the ventilation of the product in any way.
- h. Please put the product in a well ventilated and dry place to avoid the risk of electric shock due to water intrusion.
- i. It is forbidden to expose the product to fire or temperature higher than 130 ° C, which may lead to fire, explosion and other safety accidents.
- j. It is forbidden to use or place the product under high temperature (direct hot sunshine or hot car interior), otherwise the internal battery may overheat, catch fire or function failure, shorten the service life and other risks.
- k. Please charge the product every three months to prevent the battery from running out.

FAQ

1. Can the product be brought on the plane?

No, because this product is a lithium battery product. According to the international air transport standard regulations, carrying lithium battery products can not exceed 999wh.

2. If the power of the equipment is within the rated output power range of the product, it cannot be used?

- a. The power consumption of the product is less than 20%; it needs to be supplemented.
- b. When some equipments start, the products which are larger than the peak value of rated power cannot be used;

3. Why is there sound when using it?

The product adopts air cooling system, and the built-in fan is better to help product heat dissipation. It is normal to have slight noise when using.

4. Is the charger heating normal when charging?

Charging charger heating is a normal phenomenon, standard charger in line with national safety standards, you can rest assured to use!

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 full and exclusive warranty obligations of the products, and we will not assign or authorize anyone to assume any other responsibilities for us in connection with the products we sell.

Defects liability period

The warranty period is one year. In all cases, the warranty period starts from the date of purchase by the consumer. In order to determine the starting date of the warranty period, it is necessary to provide the consumer's purchase certificate or other reasonable documentary evidence.

The following conditions are not covered by the warranty

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

How to get warranty service

Contact your local dealer or brand

Portable Power Station

Certificate

Inspector: QC pass

Inspection date:

Contact us

For any inquiries or comments concerning our product or any quality-related issue with our product, [or you want to customize any other battery packs](#), please feel free to contact us, we will respond to you as soon as possible and do our best to help you.

Website: www.yabopower.com

Email us: info@yabopower.com



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