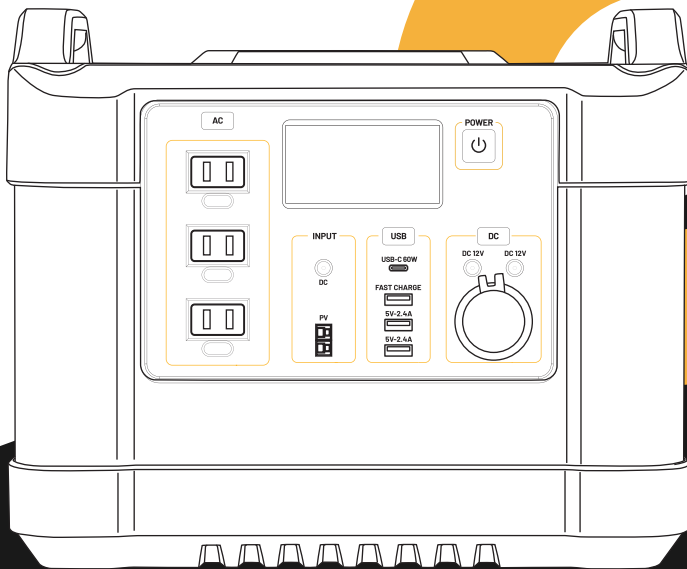




# 1100WH Portable Power Station User Manual





# **Warranty**

## **Limited Warranty**

BougeRV provides a one-year warranty for customers who purchase on Amazon and the BougeRV official website.

## **Warranty Period**

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## **Tips**

If there is any problem with the product, you can provide us with pictures and videos for identification. After the confirmation of the technicians, we will provide return and exchange services with you.

## **CUSTOMER SUPPORT**



[service@bougeRV.com](mailto:service@bougeRV.com)



1-669-232-7427  
Sun-Thu 6PM-12AM(PST)



[www.bougeRV.com](http://www.bougeRV.com)

# Exclusions

## **BougeRV's warranty does not apply to:**

- Product damage caused by the consumer not following the recommendations.
- Damage by disassembling the machine without authorization or going to a non-designated maintenance spot for maintenance.
- Products purchased neither on Amazon nor BougeRV's official website.
- This limited warranty does not apply to any battery cell or product containing a battery cell unless the battery cell has been fully charged by you within seven days after your purchase of the product and at least once every 6 months thereafter.



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# Product Safety Guidelines

## Product Use:

1. DO NOT expose the product to any liquids. Do not immerse the product in water. DO NOT leave the batteries out in the rain or near a source of moisture. Moisture in the device could cause short circuits, component failure, fires, or even an explosion.
2. Using the product in environments above 140°F (60°C) may cause fire or explosion. Using the product in environments below 32°F (0°C) will severely affect the performance of the product. Allow the product to return to a normal operating temperature before use it.
3. DO NOT use the batteries in strong electrostatic or electromagnetic environments. Otherwise, the battery of the control board may malfunction and cause a serious accident during use.
4. Avoid collision. DO NOT place heavy objects on the machine.

## Product Charging:

1. Always use BougeRV approved charging cables. BougeRV does not take any responsibility for any damages caused by using non-BougeRV charging cables.
2. When charging, please place the product on the ground with no flammable or combustible materials around.  
To prevent accidents, never leave the machine unattended during charging.
3. DO NOT charge the product immediately after a long heavy load, because the product temperature may become too high. DO NOT charge the product until it cools down to room temperature.

## **Product Storage and Transportation:**

1. If a low-battery warning appears, charge the product before storing it. Otherwise, long-term storage may cause damage to the batteries in the product. Batteries in the product will enter hibernation mode if they are depleted and stored for a long time. Recharging the product can bring the battery out of hibernation.
2. DO NOT place the product near a heat source, such as a car in direct sunlight, a fire source, or a heating stove.
3. Store the product in dry environments. Please keep the machine away from water.

## **Product Maintenance:**

1. The temperature for normal use and storage of this product is 68°F to 86°F (20°C to 30°C) Cold temperatures (below freezing) can affect the unit's battery capacity due to the chemical characteristics of the battery. Keep the power station within the environment temperature range, 32 to 105°F (0 to 40°C) to prolong battery life.
2. If the product is not used for a long time, the battery life may be reduced.
3. Discharge BougeRV G1000 to 30%, then charge to 85% every 6 months to keep the battery healthy.

## **Travel Notice:**

Do Not bring this product on flights.



# Specifications

## General Info

Weight	<b>13.5kg/30Lbs</b>
Dimensions	<b>16 x 12 x 14 in</b>
Capacity	<b>1100WH/50AH</b>
Certification	<b>FCC, PSE, ROHS</b>

## Output Ports

AC (×3):	<b>Pure Sine Wave, 1200W total</b>
USB-A (×2)	<b>5V/2.4A, 12W</b>
USB-A QC3.0 (×1)	<b>5V/3A, 15W; 9V/2A, 18W</b>
USB-C (×1)	<b>5/9/12/15/20V,3A 60W Max</b>
Cigarette Port	<b>12V, 10A 120W Max</b>
DC5521 (×2)	<b>10A/60W per port, 120W Max total</b>

## Input Ports

DC5521 Charge	<b>25V, 8A 200W Max</b>
PV Solar Charge	<b>25V, 8A 200W Max</b>
USB-C Charge	<b>20V, 3A 60W Max</b>

## Battery Info

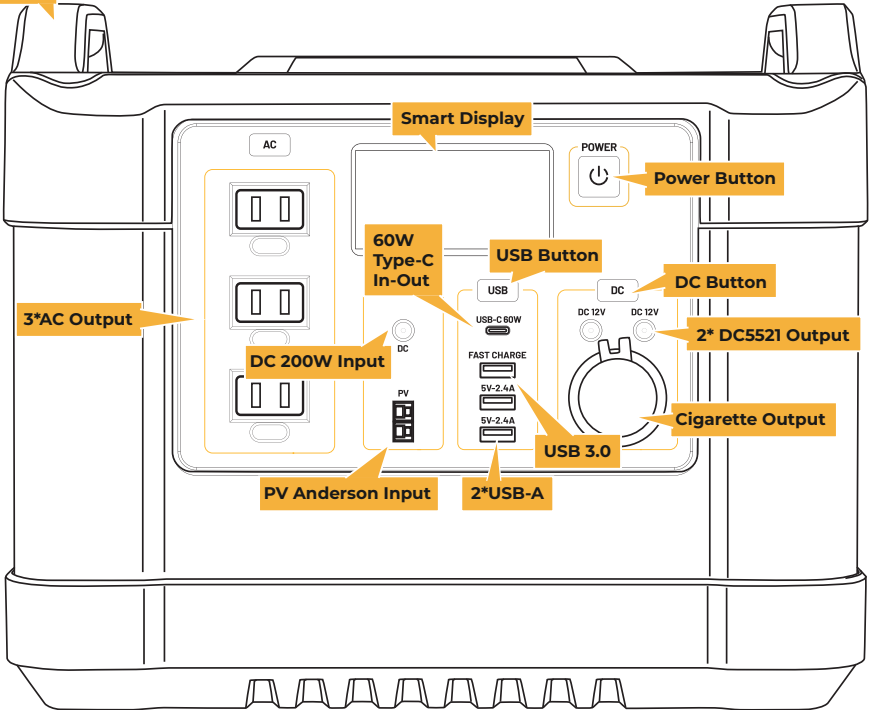
Cell Chemistry	<b>Li(NiCoMn)O<sub>2</sub></b>
Cycle Life	<b>1500+ Cycles to 80% Capacity</b>

## Environmental Operating Temperature

Operating Temperature	<b>32°F to 105°F</b>
Discharge Temperature	<b>14°F to 113°F</b>
Charge Temperature	<b>32°F to 113°F</b>
Storage Temperature	<b>68°F to 86°F</b>

# Product Description

Handle



# Operating instructions



Power Button - Press 2s turn off the all output, press 10s the system will automatically reset.



Press 2s turn on/off the inverter.

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



Press 1s turn on/off the module.



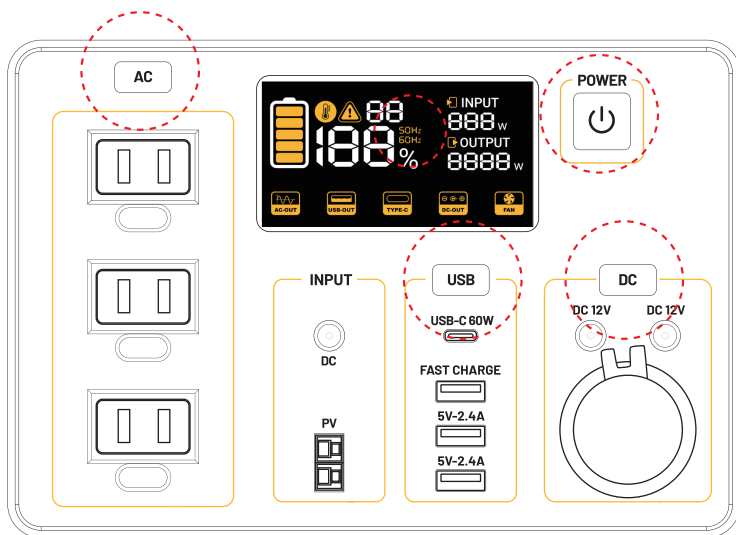
When the USB & DC output power is lower than 1W for up to 1 hour, the USB & DC will automatically turn off to save energy



Turn on AC firstley, press the USB & DC button for 3s at the same time,



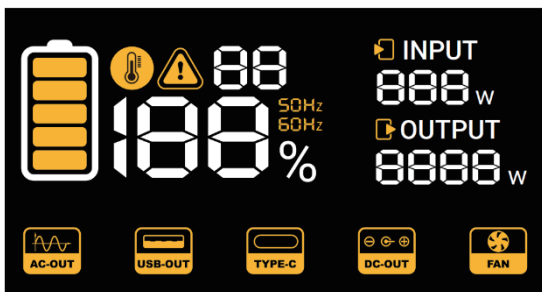
the number flashes at this time, short press the DC button to switch, and press the USB & DC button again for 3s to confirm, turn on AC again.



## Tips

Press all four buttons 0.5s could wake up the display. The display will automatically turn off after 10s of no output.

# Smart Display



1



It shows that AC inverter starts working.

2



It shows that USB-A & 3.0 start working

3



It shows that Type-C starts working, supporting in/out put.

4



It shows that DC & Cigarette port are open, start working

5



It shows that power station over 104 ℉ or AC output over 600W, fan start working

6



Frequency can be switched manually, USA-60Hz & Japan-50Hz

7



It shows that the energy storage is faulty and the corresponding error code will be displayed.

8

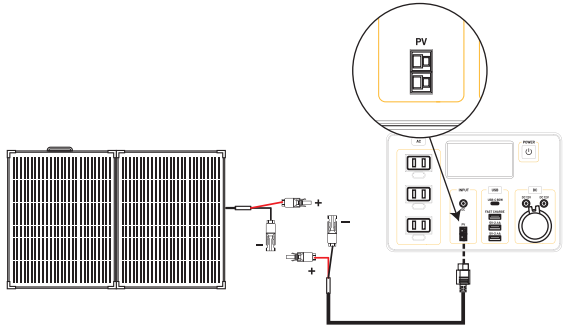


It shows that power station over 140 ℉, turn off the AC output.

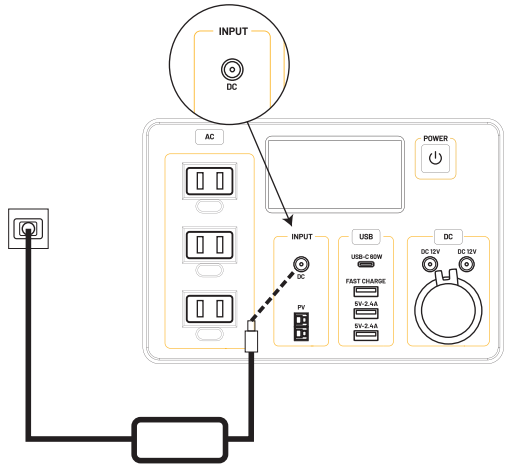
# AC & Car & PV Solar Charging



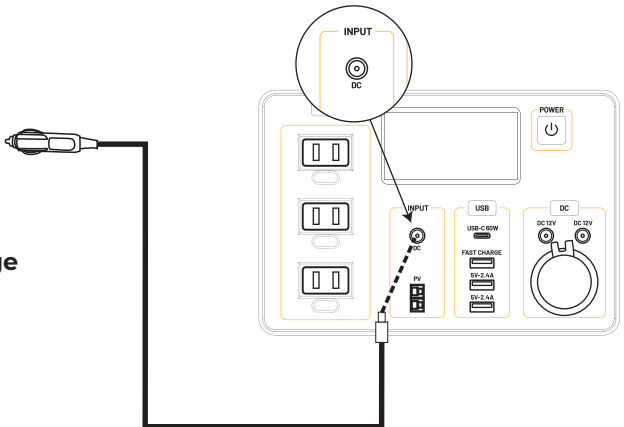
**PV Solar Charging**  
200W Input, 5.5H Full Charge



**AC Charging with adapter**  
200W Input, 5.5H Full Charge

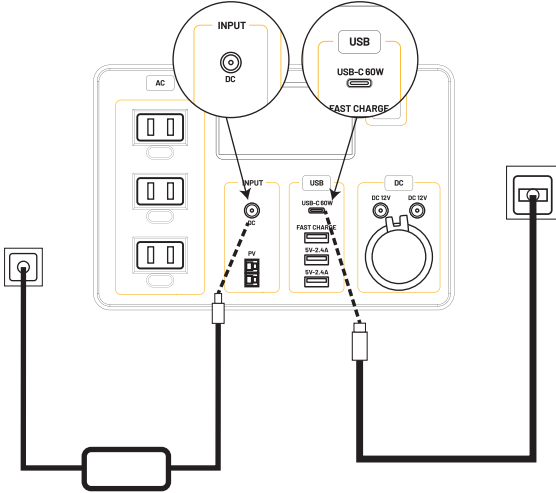


**Car Charging**  
120W Input, 9H Full Charge

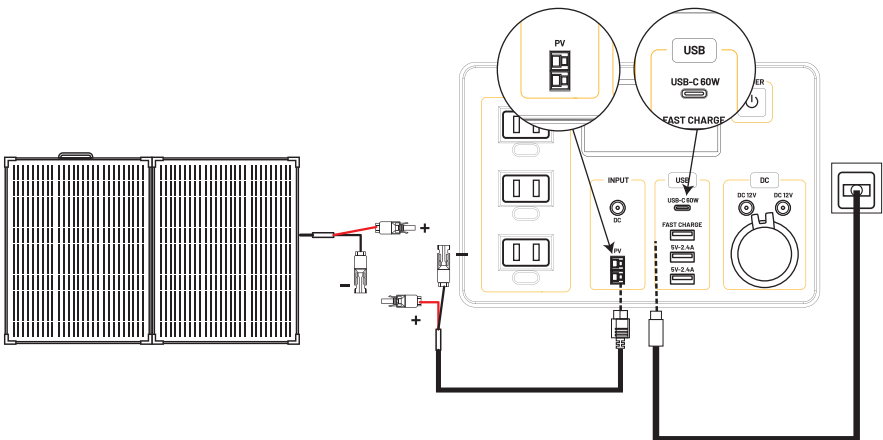


# Faster Charging

**200W AC Input+60W USB-C Input :  
260W Max, 4H Full Charge**



**200W PV Input+60W USB-C Input :  
260W Max, 4H Full Charge**



# Error Code & Troubleshooting



<b>Error Code &amp; Troubleshooting</b>		
<b>Error Code</b>	<b>Explanation</b>	<b>Troubleshooting</b>
01: USB Short circuit protection	There is a short circuit inside the device	Stop charging the device, press the USB button 2s to eliminate it
02: QC Fast Charge Short circuit protection	There is a short circuit inside the device	Stop charging the device, press the USB button 2s to eliminate it
03: DC Short circuit protection	There is a short circuit inside the device	Stop charging the device, press the DC button 2s to eliminate it
04: AC Inverter Short Circuit Protection	There is a short circuit inside the device	Stop charging the device, press the AC button 2s to eliminate it
05: AC Inverter Overload Protection	The rated power of electrical appliances over 1200W	Do not use electrical appliances with a rated power over 1200W, including large hot water boilers, microwaves, etc. Press the AC button 2s to eliminate it
06: AC Inverter high temperature protection	The inverter will automatically cut off the output if the temperature exceeds 176 ℉	Press the AC button 2s to eliminate it. It is recommended to use G1000 at an ambient temperature of 32°F to 105°F

## Error Code & Troubleshooting

Error Code	Explanation	Troubleshooting
07: Battery high temperature protection (Output)	The output will be cut off when the battery temperature is over 63 C/145°F	Press the AC button 2s to eliminate it. Let the G1000 stand for a period of time until the temperature drops, it can output normally
08: Battery low temperature protection (Output)	The output will be cut off when the battery temperature is over -10 C/14°F	Press the AC button 2s to eliminate it. Put the G1000 in an environment above 0 C/32°F, it can output normally
10: Battery high temperature protection (Input)	The input will be cut off when the battery temperature is over 47 C/117°F	Automatically restart charging when the temperature is below 47 C/117°F
11: Battery low temperature protection (Input)	The input will be cut off when the battery temperature is below -3 C/27°F	Automatically restart charging when the temperature is over -3 C/27°F
12: Input over-voltage protection	Automatically cut off the input when DC & PV input voltage over 30V	We recommended that you use the original AC adapter to charge; when PV charging, we recommended you use ≤ 200W solar panels
13: Battery low-voltage protection	The voltage will drop when the battery capacity is low, and the output will be cut off when the voltage is below 18V	It is recommended to charge the battery in time when the battery capacity is less than 10%; When the battery capacity is low, we recommended you not to use low-power DC appliances to carry for a long time

**Tips: If you cannot solve the corresponding fault according to our guidelines or the fault does not appear in the error code list, please feel free to let us know via email or phone.**



# Package List

Check the packaging and make sure you receive all accessories. If any of these are missing, please feel free to contact us via [service@bougeRV.com](mailto:service@bougeRV.com)

1- BougeRV SYZ-G1000\*1

2- Car Charging Cabel\*1

3- AC Charger\*1

4- Solar Charging Cable\*1 ( MC4 to Anderson )

5- User Manual\*1



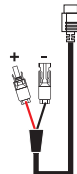
①



②



③



④



⑤



### **Q1: Can the SYZ-G1000 be charged while using?**

A: Yes, the SYZ-G1000 supports pass-through charging, but it will decrease the battery life so we suggest you don't do that.

### **Q2: How to know the working times for my device?**

A: You can use the formula to calculate: 1100WH / operating power of your device.

### **Q3: What should I do if I want to use the car cigarette port to charge the SYZ-G1000?**

A: You can use the cCar Charging Cabel (cigarette to DC5521) we provided to charge the SYZ-G1000, around 120W Max.

### **Q4: Where can I find any video about the operation and use of SYZ-G1000?**

A: Go to BOUGERV website – Click the “Support” and choose “Videos”

### **Q5: What matters should I be pay attention to in daily use?**

- A:
- Please keep SYZ-G1000 fully recharge at least once a month, 0%-100%.
  - Please recharge the battery, when the capacity of the display is less than 20%.
  - Ensure that the operating temperature of the SYZ-G1000 within 0-40 degrees. Low and high temperature will reduce the battery life.
  - Please ensure that the storage environment of the SYZ-G1000 is dry and stay away from sunshine and flammable items.

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