

# Portable Solar Generator Power Station User Manual



Recharge Every  
4 Months



Use original  
or certified cables



Don't expose  
to liquids



Don't  
disassemble



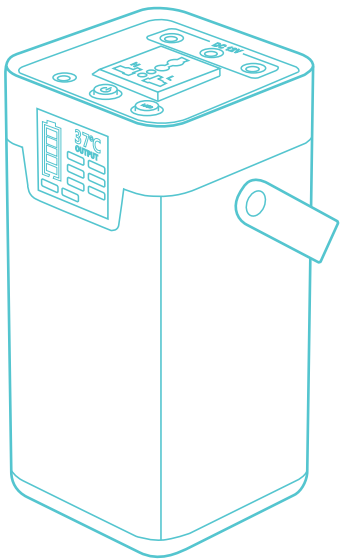
Avoid extreme  
temperatures



Avoid  
dropping



Model:A380



## Portable Solar Generator Power Station

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Thank you for purchasing this product which has passed through our extensive quality assurance process. Every care has been taken to ensure that it reaches you in perfect condition.

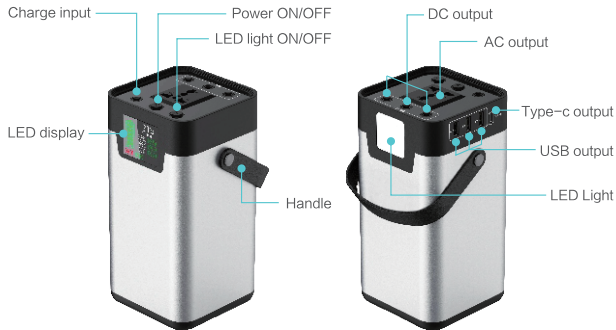
### Attention:

This portable power station AC output range between of 100V~120V 60Hz/ 220V~240V 50Hz, 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.

In some cases, the initial starting wattage of some AC appliances is three times higher than its rated running wattage. Be sure your device's rated running power  $\leq$  200W and the initial wattage  $\leq$  250W.

### Part 1

### Product Description

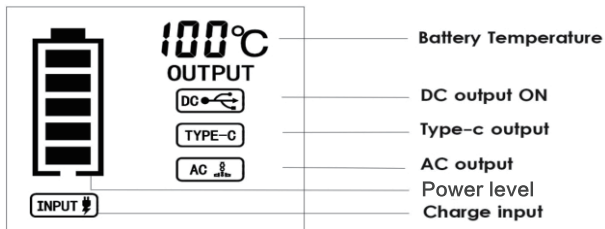


### Attention:

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

### Part 2

### Display



### Notice:

Short press power button to activate the LCD display and it will automatically go off after 30 seconds without further operation.

Lion-batteries cycle life extend a lot with proper handling and usage. Most important note: use at room temperature: 10 ~30(°C)/50~86(°F). You may hear a cooling vent for heat dissipation when the battery's temperature goes high.



Model	A380
Battery Capacity	3.7V 54600mAh/202wh
Rated Power	Continuous 200W, Peak 250W
Battery Type	High Quality Lithium ion Batteries
Charge Input	CC/CV 15V/2A
AC Output	100V~120V 60Hz / 220V~240V 50Hz
USB Output	5V 2.1A/5V 1.0A
QC 3.0	5V/3A 9V/2A
DC Output	9V~12V/10A max (connector DC5.5X2.1mm)
Type C Output	5V /3A
LED Flashlight	3W
Solar Charge Input	12.6V~18V 5A max (connector DC3.5X1.35mm)
Output Waveform	Pure Sine Wave
Weight	About 2.0KG
Size	L105*W105*H210mm
Operation Temperature	-20° C (-4° F) ~60° C (140° F)
Protection Circuit	Short circuit, Over current, Over power, Over discharge, Over charge, over-temperature Multi-Protection
Package included	1 x Portable Power Station 1 x AC Adaptor 1 x User Manual

## 1) How to provide power for AC appliances with this power station?

a. Connect the power cable plug of the electrical appliance to the AC interface of the product.

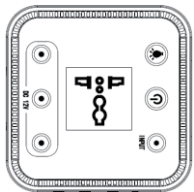
### WARNING!

If you do not use AC function, please turn off AC output timely to reduce power loss.

b. Press the  button for 3 seconds to start, the LED display screen of this product display the color of the icon  change from **WHITE** to **GREEN**, meaning the AC output is ON, the electrical appliance starts to work.



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c. Press the power button  for 3 seconds to turn OFF AC output, the electrical appliance stop work.

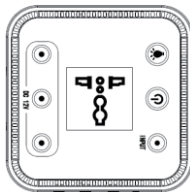


According to the power station you currently have, Limited Device Wattage < 150W/200W, Laptop, Fan, TV, CPAP etc. AC will shutdown when it's short circuited or power overloaded. Remove the device to recover from short circuit or overpower protection.


## 2) How to provide power for USB/DC 12V appliances with this power station?

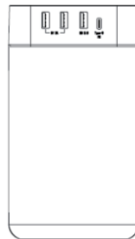
a. Single click , the LED display screen of this product display the icon , meaning the DC/USB output is ON, no matter charge your head lamp, fan, radio Please confirm whether the interface of DC12V appliance or lighting equipment is the DC5.5X2.1mm connector

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

b. Connect the standard USB cable of digital appliance with the USB interface of this product, then single click the power button  to switch on to gain power.




SmartPhone, Digital camera, Tablet, Etc.

### 3) How to provide power for Type-C digital appliances with this product?

Single click the button  , the LED display screen of this product display the icon  , meaning the type-c output is ON.







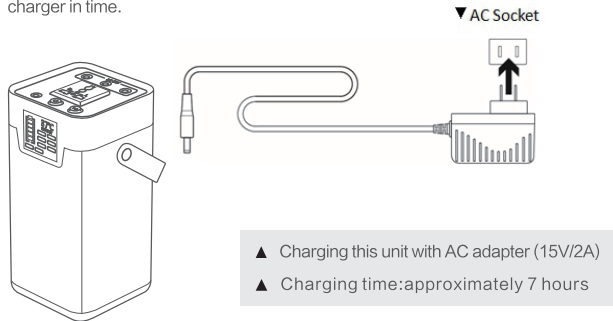
### 4) How to use the LED flashlight?

Single click the button  to turn on the LED flashlight, then a short press, it's SOS mode, one more single click, it's Strobe mode, one more click, the LED light OFF.





## Part 5 How to charge the Portable Power Station?

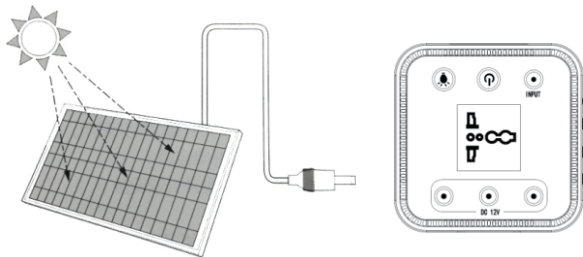
### 1) Charge by AC adaptor

■ Please connect our original AC 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 run, at the same time,  display in RED, When the product is full of power, the battery icon will fully light and simultaneously  display in GREEN, After the power station is fully charged, please remove the charger in time.



### 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 3.5mm) into the input of the unit to start charging. connect with the DC input interface  of this product, you'll know the unit is charging when the battery icon  light up, at the same time,  display in RED, When the product is full of power, the battery icon will fully light and simultaneously  display in GREEN ,After the power station is fully charged, please remove the charger in time.



▲ The solar input can handle up to 18V5A(90W Max.) per hour, recharged with 100w panel in 4–5 hours to full under straight full sun (3 hours, under STC, AM1.5, 1000W/m<sup>2</sup> 25°C, recharging time varies from different location, temperature, weather, etc.).

▲ Make sure that the output voltage of your solar panel is between 12.6–18V to be compatible with our Solar generator, wattage between 100–150W for best charging performance.

### 3) Charging from your Carport possible.

- Charging from a vehicle's cigarette lighter(no charging cable included)with 12 V battery system. Not suitable for 24 V system, only use this charging way during the driving hours.

- 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 it in its original box, do make sure to avoid dusty/damp place, do not store outside.
- 4) It is highly recommended to fully charge it at least once every 90 days for maintaining the best performance, reliability, and longevity.
- 5) After starting, if there is no any output, its displays will automatically shut down within 30 seconds, so as to achieve better energy-saving effect.

- 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 an internal, non-removable, rechargeable battery. Do not attempt to remove the battery, as you may damage the device.