INPUT
15-30V/150W MAX

DC IN   LED

((■))

USB   AC   DC

LIGHT

DC OUT

USB 5V/3A

AC OUT
100-120V 300W

Sine-Wave

DC OUT
12V/10A

300Wh Portable Power Station
User Manual

Please read this manual before use and follow its guidance. Keep this manual for future reference
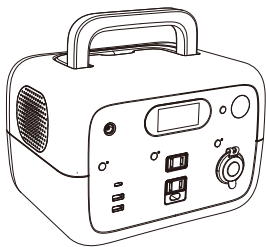
Contents

IMPORTANT SAFETY INSTRUCTIONS

- ●Please read all instructions before use to avoid personal injury or damage to the unit and any connected products.
- ●DO NOT disassemble, repair or modify the unit or the battery. Any manipulation to the unit or its components will void the warranties.
- ●DO NOT operate, store the unit in wet condition. Use and store the unit only in a clean and dry environment.
- ●DO NOT insert foreign objects into outputs or ventilation holes. Inadequate ventilation may cause damage to the unit.
- ●DO NOT place the unit close to or in a fire or expose it to heat. Keep out of direct sunlight.
- ●DO NOT place the product upside down or sideways during operating or storage.

Disclaimer

- ●Force majeure factors such as fires, typhoons, floods, earthquakes or intentional negligence, misuse or other abnormal conditions of customers, we will not be responsible for any damage caused by the misuse.
- ●If you do not charge the product with our matching charger, we will not be responsible for damage.
- ●We do not take any responsibility for damages caused by operating the product not in accordance with the instructions in the operation manual.
- ●This product is not suitable for use on nuclear equipment, aerospace equipment, transportation equipment, medical equipment and other related equipment or machinery related to personal safety, and it is not suitable for equipment or machinery that must guarantee a high degree of trust in electricity. If you use the product under the above conditions, you are responsible for problems and damage.
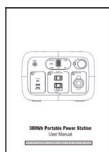
Package Contents

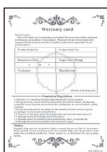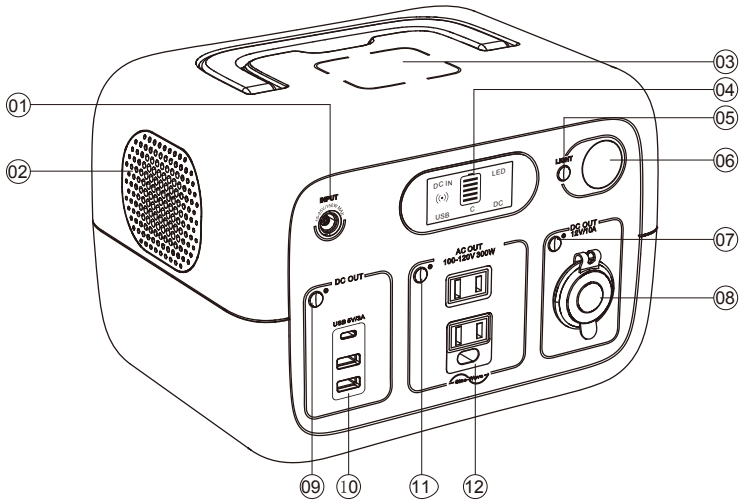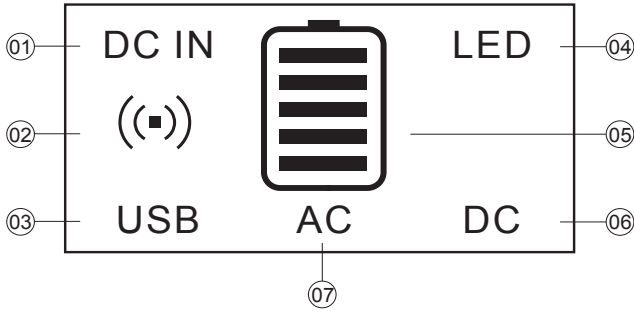| No.	Item	Quantity
1	Portable Power Station	1
2	AC Wall Charger	1
3	User manual	1
4	Warranty card	1
5	Certificate of QC PASS	1

Note: picture is only for reference, please take the product as the standard.

Function Overview

1. Charging Port
2. Ventilation Hole
3. Wireless Charging Pad(Qi 15W Max)
4. LCD Screen
5. Light Button
6. LED Light
7. Car Port Button
8. Car Port
9. USB Button/Wireless Charge Button
10. USB Port
11. AC Button
12. AC Port

LCD Screen

1. Charging input
2. Wireless charging output
3. USB output
4. LED light output

5. Battery capacity indicator
6. DC output
7. AC output

The LCD Screen indicates two important things.
1. BATTERY LEVEL shows 5 segments, approximating 20%-40%-60%-80%-100% battery capacity. When you are using your Power Station, segments will disappear from the display, indicating the remaining charge. When charging your Power Station you will notice a battery segment blinking. Once it's fully charged, all battery segments will be lit and remain solid.
2. The "DC IN" symbol indicates the Power Station charging status. The "((·)) USB", "AC", "LED", "DC" symbols indicate the currently turned on port of Power Station.

Front Buttons:
Pressing the Light Button will turn the LED Light on.
Pressing the Car Port Button, AC Button, USB Button will turn on the corresponding port.
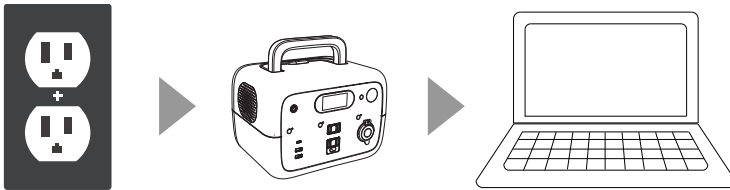
Charging Your Power Station

CHARGE ME NOW. Before using or storing, plug the unit into the wall until it is fully charged.
Please full charge the product at least once every six months.
When charging your Power Station you will notice a battery segment blinking. Once it's fully charged, all battery segments will be lit and remain solid.
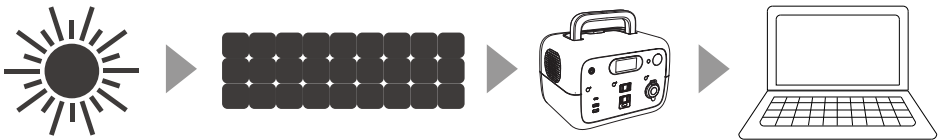
Charging from the Wall

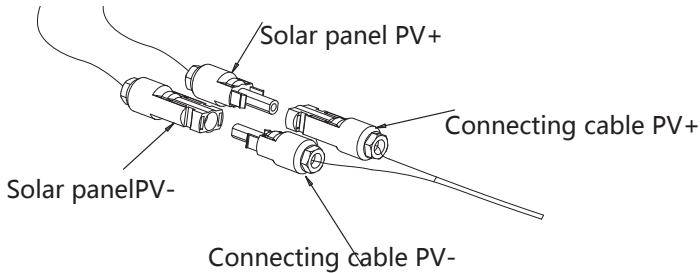Using the included AC Wall Charger, plug your Power Station into any wall outlet. You will know it's charging when the battery segment on LCD Screen in blinking. The Power Station is fully charged when all battery segments are lit and remain solid.

Attention: The Power Station is not compatible recharging from a 12V source, it can result in damage to the unit, cable, as well as your vehicle.

Charging from Solar Panel

1. Choose a suitable solar panel. (VOC 12-25V/150W, solar panel with approximately 15V working voltage is recommended).
2. Place your solar panel where it will get as much direct sunlight as possible.
3. Connect the solar panel and the product with MC4 Cable (Sold Separately).
4. You will know the Portable Power Station is charging when the battery segment in the LCD Screen is blinking. The Portable Power Station is fully charged when all battery segments stop blinking and remain solid.
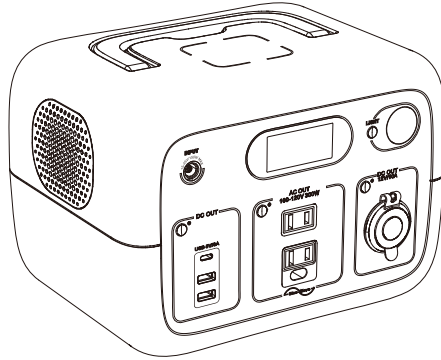

Solar panel PV+

Connecting cable PV+

Solar panelPV-

Connecting cable PV-

Using Your Power Station

How to use the LED light
Press the Light Button to turn on the LED Light, press it again to switch from Normal, Strong and SOS modes.

How to use your Power Station

1. Long press the button located above each port you will be using.You'll know the port is turned on when the green light beside the button is illuminated and the symbol on the LCD Screen is lit.
2. When not using certain ports, long press the button to turn off to conserve power.
3. Plugin your gear for power anywhere you go.
4. You can press the USB Button the turn on the Wireless Charging Pad (15W)

LED Light(3W)
90+Hours

Car Fridge(40W)
7 Hours

32''TV (60W)
4.5 Hours

Drone
6 Charges

Laptop
5 Charges

Go Pro
55 Recharges

Storage and Downtime Maintenance

Having you Power Station plugged to the wall. If you can't keep your power station plugged into a power source during storage, fully charge your power station every 3 months.
Between adventures or while in storage keeps it in a dry and clean environment. This prolongs battery life and will ensure your power station is charged and ready to go.

Frequently Asked Questions

How do I know if my device will work with the Power Station?
First, you'll need to determine the amount of power your device requires. This may require some research on your end, a quick internet search or examining the user guide for your device should suffce.

Second, you will need to check the capacity for the individual output ports. For example, the Power Station's AC port is powered by an inverter that allows for 300W of power. This means if your device is pulling more than 300W for an extended period of time, the Power Station's inverter will shut off. Another number to watch for is the surge rating of your device as compared to that of the port. The Power Station's inverter has an advanced surge management system that will maximize its compatibility with various devices, but there will still be items that will surge at a higher rate, and for a longer time, than Power Station can manage, in which case the port will turn itself off.

Finally, once you know your device is compatible, you'll want to determine how long you'll be able to power your gear from your power station. For example, a 300Wh power station can run a 100W light for 3 hours(300/100=3). Another factor is how much power is being converted going form power station to the device you are powering. There are approximately 10% power loss in AC and USB port, so the formula for AC and USB Port is (300Wh*0.9)/100=2.7 hours.

Can I charge Power Station and run my gear at the same time?
Yes, you can charge Power Station and run your gear at the same time.

How long can this run my CPAP machine?

Most CPAP machines run at 50 Watt. According to the formula mentioned above. (300Wh*0.9)/50W=5.4Hours. We suggest you turn off the humidifier and heater on your machine to prolong the using time.

Can I chain multiple solar panels together to reduce solar recharge times?

Yes, you can chain multiple solar panels together to reduce solar recharge times. But please do not exceed more than 25V input through the integrated input port. Otherwise, it may trigger the charging overvoltage protection.

How can I change the AC Output current frequency?

Make sure the AC Port is turned off. Press the Car Port Button and AC Port Button at the same time to enter the frequency-changing mode. Long press the Car Port Button to change the frequency to 50Hz and 60Hz. Press the AC Port Button and Car Port Button at the same time to exit frequency-changing mode.

Technical Specications

Output			
AC output	Rated voltage	100-120Vac	220-240Vac
	Rated power	300 W	
	Peak power	800W@0.6S	
	Frequency	50/60Hz(adjustable)	
DC 12V output	Rated voltage	11V-14V	
	Rated current	10A	
	overload current	>11A	
USB output	QC	BC1.2,Apple,Samsung	
	Rated voltage	5V	
	Rated current	3A	
Type-C utput	QC	BC1.2,Apple,Samsung	
	Rated voltage	5V	
	Rated current	3A	
Wireless charge	QI 1.2.4	Most devices	
	Output power	5W/7.5W/10W/15W	
LED lighting	While the power button is on, short press the LED light button in turn, the order of LED light will be: full brightness--half brightness--SOS--turn off		
Input			
Input current		15-25v	
Input power		150W	
Battery			
Rated capacity		300Wh	
Rated voltage		12.8V	
General			
Protection level		IP 21	
Working environment condition		Relative humidity:15%-85%	
		Temperature: 0-40℃	
Size		250*181*175mm	
Net weight		4.72Kg	

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