MONSTAR

Portable Solar Generator Power Station

Monstar User Manual

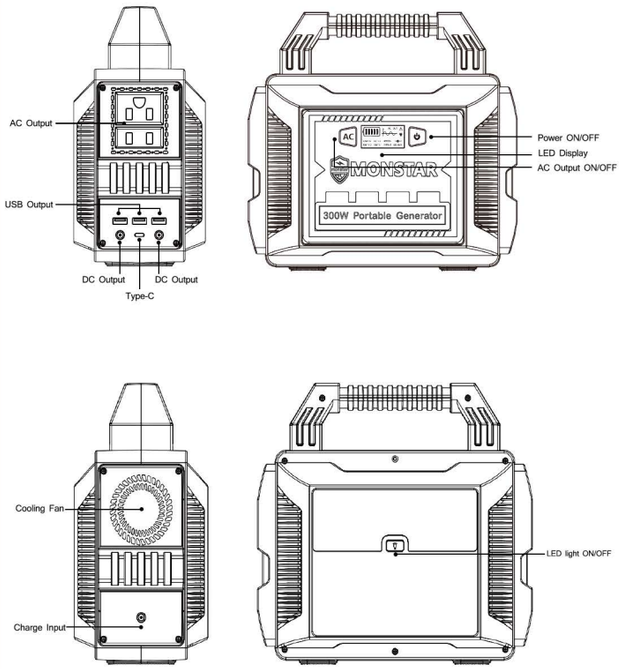
Attention:

This portable power station AC output range between of 100V~110V 60Hz / 220V~240V 50Hz,product specification actual AC outlets will be different according to different countries,areas or customers.Please refer to the actual situation before buy this product.

Thanks for purchasing our portable solar generator power station.Please read this user manual carefully before using and keep it for review.

This manual helps you to operate this device correctly.But it is not the introduction of the soft&hardware configuration.Any configuration of problem,please refer to the related contract or consult with your distributor. The images in this manual are for reference only. Thank you.

Product Description



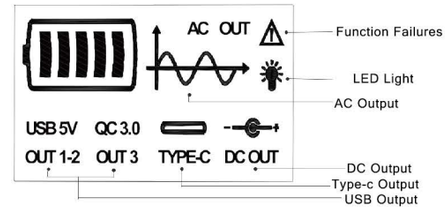
Specifications

Model	Monstar M300
Battery Capacity	3.7V 80000mAh/296wh
Rated Power	300W,Peak 500W
Battery Type	High Quality lithium ion Batteries
Charge Input	CC/CV 19V/3A
Solar Charge input	18V-30V 3A Max
AC Output	100V~110V or 220V~240V 50Hz/60Hz
USB Output	5V/2.1A,5V/1A
QC 3 0	5V/3A,9V/2A,12V/1.25A
DC Output	12V/6A Max
Type C Output	5V/3A,9V/2A,12V/1.25A
LED Flashlight	5W
Output Waveform	Pure Sine Wave
Weight	3.6KG
Operation Temperature	-10℃(-50℉)~60℃(140℉)
Protection Circuit	Short Circuit， Over Current， Over Power， Over Discharge， Over Charge， Over-temperature
Package included	1XPortable Power Station 1XAdaptor 1XCar Charger 1XCigarette lighter adaptor 1Xuser Manual

ATTENTION:

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

Led Display

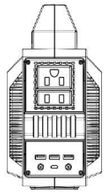


How to use your power sation?

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

a.Long press the AC button tostart(about 3 seconds),the LED display screen display the icon, AC OUT meaning theAC output is ON,the electrical appliance starts to work.

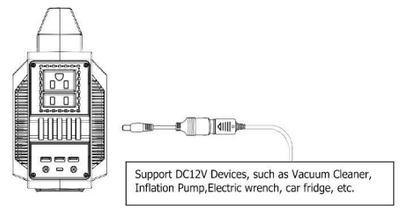
b.Long press the power button AC to turn off AC output,the electrical appliance stop work.



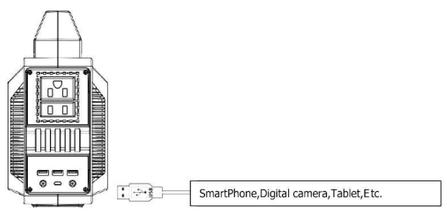
According to the power station you currently have,Limited Device Wattage < 300W, Laptop, Fan,TV,CPAP etc. AC will shutdown when it's short circuited or power overloaded. Remove the device to recover from short circuit or overpower protection.

2) **How to provide power for USB/dc 12v appliances with power station?**

Single click, the LED display screen of this product display the icon USB 5V QC 3.0 meaning the DC/USB/Type-c output is ON,before charge for DC 12V appliance,please confirm the interface is DC5.5*2.1mm connector.



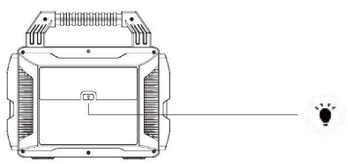
Support DC12V Devices, such as Vacuum Cleaner, Inflation Pump,Electric wrench, car fridge, etc.



SmartPhone,Digital camera,Tablet,Etc.

3) **How to use the LED flashlight**?

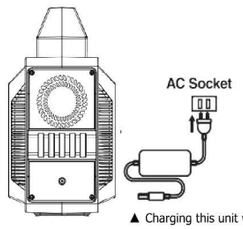
There are four lighting Modes:Steady on,Dim light,SOS strobe and Slow flash mode. Long press for three seconds to turn on and short press to switch different modes.



How to charge the portable Power Station?

1.Charge by adaptor

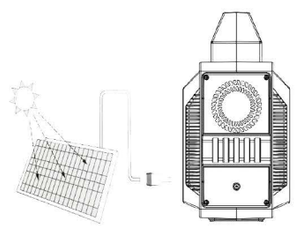
- Please connect our original adaptor to household AC socket,connect the DC plug of standard charging adapter with the DC input interfacea of this product, you'll know the unit is charging when the battery icon light up,the light will twinkle,at the same time.When the product is full of power,the battery icon will fully light. After the power station is fully charged,please remove the charger in time.



▲ Charging this unit with AC adapter

2.Charge by solar panel

- Place your solar panel where it will get as much direct sunlight as possible.
- Plug the output the solar panel(DC 5.5*2.1mm)into the input of the unit start charging, connect with the DC input interface of this product, you'll know the unit is charging when the battery icon light up.When the products is full of power, the battery icon will full light.



Frequency Asked Questions

1.Can the product be carried on the plane?

No, Because this product built-in lithium battery,which is adjusted according to international air transport standards, and the lithium battery product should not exceed 100WH.

2.Why the devices sometimes not available within 300W?

A.The power station's power is less than 20%, and it needs to be charged in time.
B.The instantaneous starting power of your equipment is larger than the peak power of the power station, or the nominal power of the equipment is larger than the actual power of our power station.

3.Why is there a sound when the product used?

The power station built-in cooling fans system.The built-in fan can help the product to dissipate heat to achieve a high conversion rate.It is normal to have a slight noise during use.

4.Is the charger(adaptor) heating up normally while the product is charging?

It is normal for the charger to heat up during charging.The standard charger conforms to national safety standards.

Product Application Skills

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 apply in the range of 10~30℃,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 for along time,please disconnect the cable and store.

4)Some portable devices mat need to be set in charge mode to charge, see the corresponding equipment use manual for more information.

5)After starting,If there is no any output,it displays to automatically shut down within 20 seconds, so as to achieve better energy-saving effect.

Attention

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