

Portable Power Station

User Manual



Precautions for use:

1. Open the package and check whether the following accessories are complete (except customized accessories).

The product is not equipped with solar panel: 1*Portable Power Station; 1*AC Adapter Charger; 1*Car Ignition Cable; 1*User Manual; 1*Qualified Certificate; 2*12V 5W LED Bulb.

The product is equipped with solar panel: 1*Portable Power Station; 1*150W Solar Panel; 1*AC Adapter Charger; 1*Car Ignition Cable; 1*User Manual; 1*Qualified Certificate; 2*12V 5W LED Bulb.

Please check carefully whether the portable power station device is damaged during transportation. If you find that the device is damaged or parts are missing, please do not start the device, and immediately notify the carrier and dealer.

2. The portable power station device should be placed in a well-ventilated place away from water, flammable gases and corrosive substances.

3. Do not place it on its side, keep the bottom and panel of the portable power station uncovered.

4. The panel temperature and the working environment temperature of the portable power station should be kept between 0~40°C.

5. If the portable power station device is disassembled and used at low temperature, water condensation may occur. It must be used until the inside and outside of the device are completely dry, otherwise there will be a danger of electric shock.

6. The portable power station device has high voltage AC output, which is potentially dangerous and must be handled with care and kept away from children, otherwise there will be a risk of electric shock.

7. Do not connect the inverter of the portable power station to the AC circuit, otherwise even if the switch of the device is turned off, the inverter of the device may be damaged.

8. Please ensure that the power used by the electrical appliance is less than the rated output power of the portable power station device.

9. Before the load is connected to the portable power station device, be sure to turn off the load switch before connecting it, and then turn on the load switch for use.

10. It is recommended to charge the portable power station device for at least 10 hours before use. Insert the AC adapter charger into the portable power station's charging port when charging. The portable power station device can also be used without charging, but the backup time will be less than the standard backup time.

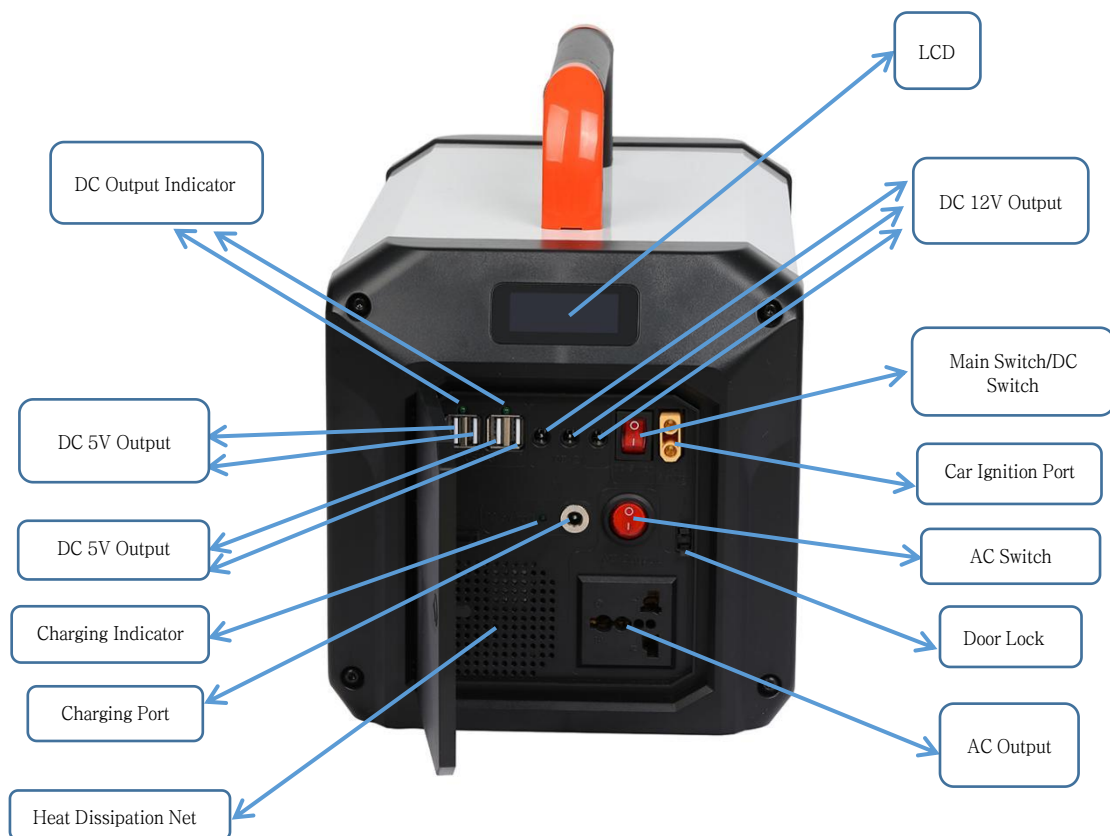
Description of protection functions and application scenarios:

1. Protection functions: over voltage protection, over current protection, over temperature protection, overcharge protection, short circuit protection, under voltage protection.
2. Application scenarios: home emergency power supply, outdoor camping power supply, night construction power supply, emergency rescue power supply, etc.

Use load type:

1. AC fans, DC fans, AC LED lights, DC LED lights, digital products, mobile phones, desktop computers, notebook computers, TVs, vacuum cleaners, etc.

Function description:



Operation method:

1. DC output under DC load.

Turn on the DC switch (main switch), LCD self-test, DC12V, USB5V will have output, connect the DC load.

2. AC output under AC load.

Turn on the DC switch (main switch) first, and then turn on the AC switch. At this time, the AC output port will have AC voltage output.

3. When starting the ignition of the car, there is no need to open the DC switch (main switch) and the AC switch, and the car ignition port will also have current output.

4. When shutting down, first turn off the switch of the load, and then turn off the AC switch and DC switch (main switch) of the portable power station device.

Eg004 Technical Parameter Table		
Model	Eg004pb	Eg004Li
Rated Power	500W	
AC Output Voltage	220V ± 15%/110V ± 15%(To be customized)	
AC Output Frequency	50Hz ± 2Hz/60Hz ± 2Hz(To be customized)	
Output Waveform	Modified Sine Wave	
Conversion Efficiency	Maximum Value>90%	
Solar Panel Optional Specifications	14V ~ 40V-150 ~ 200W(max)	
Charging Interface	External Charger Port and Solar Panel Charging Port-1PCS	
AC Output Socket	American Standard/European Standard/Universal optional-1PCS	
DC Output Voltage	USB DC5.1V1A-2PCS; USB DC5.1V2.1A-2PCS; DC12V3A-3PCS 12V Small Car Ignition Port-1PCS	
Backup Time (When Fully Charged)		
Battery Capacity	12V50AH	432Wh
1 PCS 40W AC Fan	9 hours	9.2 hours
1 PCS 50W Laptop	7 hours	7.3 hours
1 PCS 55-inch 110W LCD TV	3 hours	3.3 hours
1 PCS 180W Desktop Computer	1.8 hours	2 hours
Built-in Battery		
Battery Type	Lead-Acid Maintenance-Free Battery	Lithium Battery Pack
AC Adapter Specifications	14.4V 5A	12.6V 6A
Charging Current	5A Typical, 8A Maximum	
Charging Time	90% battery capacity in 10 hours after full discharge	
LCD Display	Battery Capacity, Battery Voltage	
LED Display Light	USB Output Status, AC Charging Status	
Heat Dissipation	Intelligent Temperature Control Cooling Fan	
Noise	1 Meter Distance < 45 dB	
Protection Functions	Low Voltage, Over Voltage, Over Load, Over Temperature, Short Circuit	
Product Features	<ol style="list-style-type: none"> 1. DC/AC complete isolation. 2. High frequency design, small size. 3. Pure copper transformer, high efficiency, low no-load loss. 4. Microprocessor, digital control, all-round protection. 5. Built-in solar charger, intelligent charge and discharge management. 6. AC output and DC output have independent switch function. 	
Environmental Characteristics		
Operating Ambient Temperature	-10 ~ 40°C	
Operating Environment Humidity	10 ~ 85%	
Storage Ambient Temperature	-20 ~ 70°C Without Condensation	
Storage Environment Humidity	5 ~ 90%	
Structural Characteristics	ABS Fireproof Enclosure	
Net Weight(kg)	15.8	6.2
Product Size W*D*H(mm)	355*200*212	300*200*212