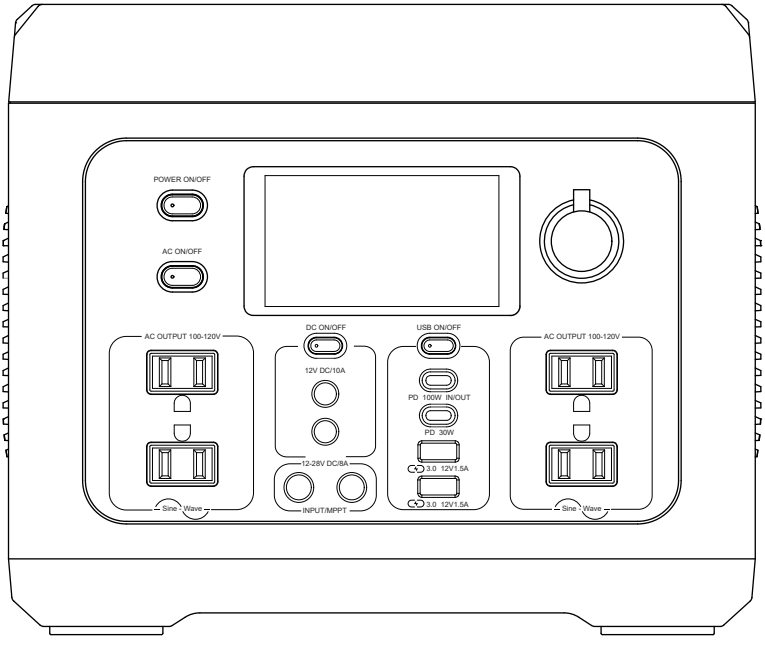
GREEN POWER

GREEN POWER **PS700** Portable Power Station

USER MANUAL



CONTENT

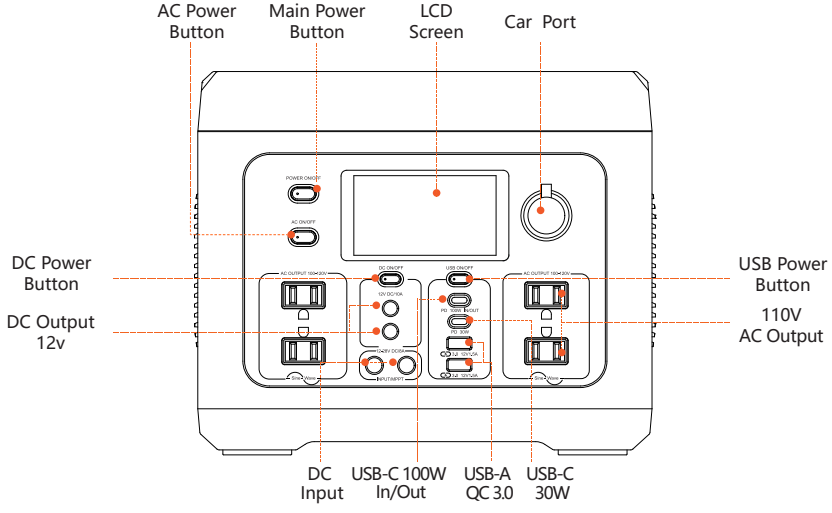
1.SAFETY GUIDELINES

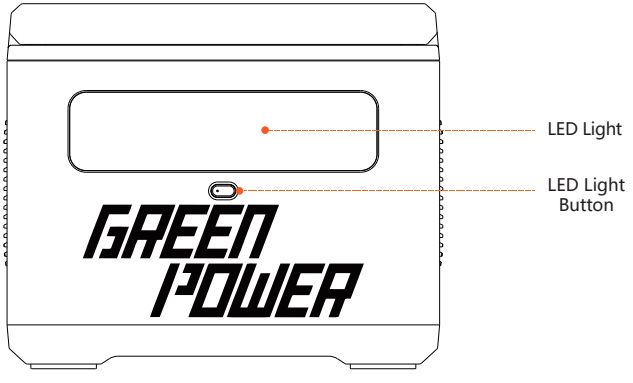
Please read these safety guidelines before using your new green power PS700

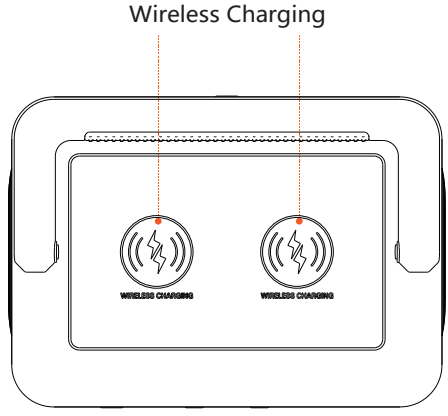
- Do not immerse the product in water or get it wet. Do not use the product in rain or damp environments.
- Avoid using or storing the product near any heat source, and strictly follow the operating environment temperature specified in this user manual.
- Do not pierce the product with sharp objects or strip down the product in any way.
- Do not insert fingers or other objects into vents or outlets of the product.
- Only use officially recommended components or accessories for charging efficiency and safety.
- Do not use the product with wires or charger cable that exhibit any damages or cracks.
- Do not attempt to modify or alter the wires and accessories of the product.
- Do not use the product in flammable liquid, gas, or dust environments.
- Do not drop or place any heavy objects on the product.
- When using or storing the product, please avoid impact, press, falls, or strenuous vibrations. If the product is seriously impacted by external force, turn it off immediately and stop using it.
- For better performance, fully charge the product before using it.
- Please kindly keep this product out of reach from children and pets.

Caution: Please do not use this product to charge devices that exceed 700W.

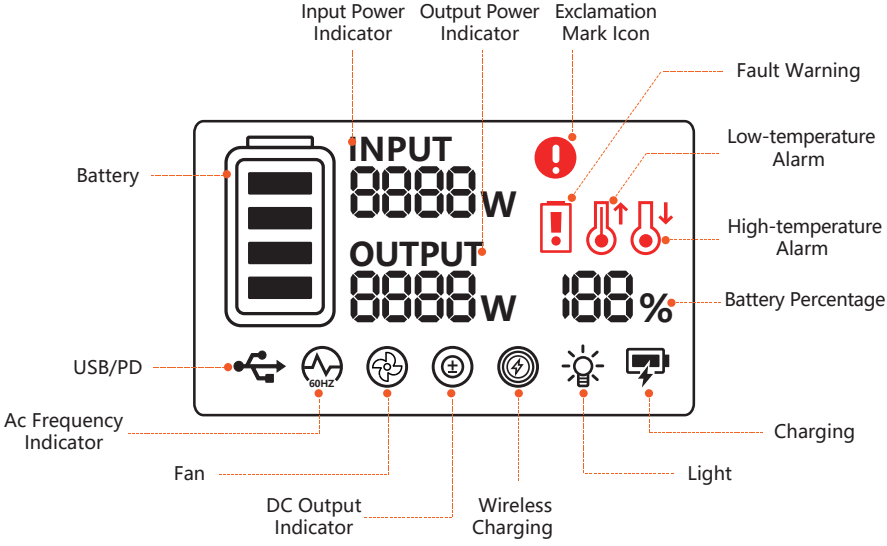
Input & Output Ports






Wireless Charging
WIRELESS CHARGING
WIRELESS CHARGING

LCD Screen:


Input Power Indicator
Output Power Indicator
Exclamation Mark Icon
Fault Warning
Low-temperature Alarm
High-temperature Alarm
Battery Percentage
Battery
USB/PD
Ac Frequency Indicator
Fan
DC Output Indicator
Wireless Charging
Light
Charging
INPUT
8888W
OUTPUT
8888W
100%
60HZ

3.SPECIFICATIONS

GENERAL INFO	
Net weight	19.8 lbs (9kg)
Dimensions	11*7.9*9in (28*20*23cm)
Capacity	716Wh(22.4V, 32Ah)
Certification	UL Standard, FCC, PSE, CP65, RoHS, MSDS, UN38.3
INPUT PORTS	
Adapter Charger	25V⎓8A
Car Charger	Supports 12V/24V Battery, 6A
Solar Panels	200W MPPT
USB-C PD Input	5/9/12/15V⎓3A 20V⎓5A
OUTPUT PORTS	
AC(×4)	Pure Sine Wave, 700W , 110V~(60Hz)
USB-A Fast Charge(×2)	5V⎓3A 9V⎓2A 12V⎓1.5A 18W Max, per port
USB-C(×2)	5/9V⎓3A 12V⎓2.5A 15V⎓2A 33W Max
	5/9/12/15V⎓3A 20V⎓5A 100W Max
Wireless Charge(×2)	25W Max
Car Charge(×1)	12V⎓10A, 120W Max
LED Lighting	3W, 4Modes(High Light/Low Light/SOS/Flash)
DC5525 Output(×2)	12V⎓10A, 120W Max, per port

※ Car charger shares power with the DC5525 output port, offering a maximum output of 120W

BATTERY INFO	
Cell Chemistry	LiFePO4 Battery
Warranty	2 year (after a full charge)
Cycle Life	Keep 80% capacity after 2000 standard cycles at 25±2℃
Protection	Over Voltage Protection, Overload Protection, Over Temperature Protection, Short Circuit Protection, Over Current Protection, Low Temperature Protection, Low Voltage Protection

ENVIRONMENTAL OPERATING TEMPERATURE	
Optimal Operating Temperature	50°F-68°F(10℃~20℃)
Discharge Temperature	14°F-104°F(-10℃~40℃)
Charge Temperature	41°F-104°F(5℃~40℃)
Storage Temperature	-4°F-104°F(-20℃~40℃)

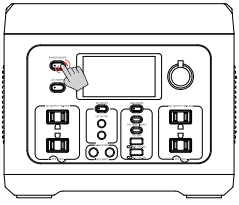
4.PRODUCT USAGE STATEMENT

GREEN POWER PS700 works like an oversized rechargeable battery. Like any other rechargeable batteries, you must first power the battery before you can use it to charge electronic devices. When your GREEN POWER PS700 has run out of power, it will need to be recharged before you can use it again.

4.1 POWER ON/OFF

1. Short press the Main Power Button to turn on the product; the LCD Screen will light up and the Remaining Battery Percentage icon will display.
2. To power off the product, press and hold the Main Power Button.

Caution: If the product has no operation for 5 minutes, it will enter sleep mode and the LCD Screen will automatically turn off. To turn the LCD Screen on or off, please short press the Main Power Button.

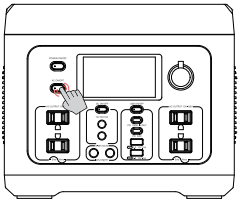


Press to Turn On/Off

4.2 AC OUTPUT PORT

1. With the Main Power Button turned on, short press the AC Power Button to use the AC Output ports.
2. Insert the power cable of the device into the AC Output ports, and total AC power output will display on the LCD Screen.
3. Short press the AC Power Button again to turn it off when not in use to save power consumption.

Caution: The maximum AC output power of PS700 is 110V/60Hz 700W. If the power requirement of the device exceeds 700W, please do not connect the device to the product.
The default standby time of the AC Output port is 12 hours. Without any load access for 12 hours, the AC Power Button will automatically turn off.

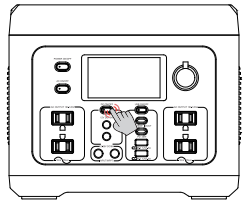


Short Press AC Power Button

4.3 12V DC OUTPUT PORT

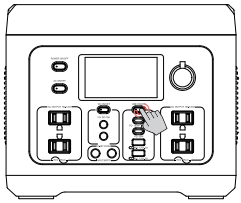
1. With the Main Power Button turned on, short press the DC Power Button to use the 12V DC Output ports.
2. Insert the power cable of the device into the 12V DC Output ports, and total DC power output will display on the LCD Screen.
3. Short press the DC Power Button again to turn it off.

Caution: With the DC Power Button on, the product will not automatically shut down.



Short Press DC Power Button

4.4 USB OUTPUT PORT



Short Press USB Power Button

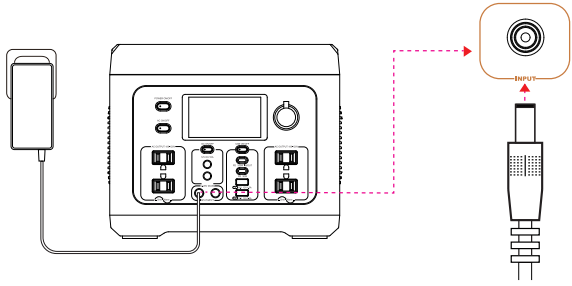
1. With the Main Power Button turned on, short press the USB Power Button to use the USB Output ports,and Wireless Charging.
2. Insert the power cable of the device into the USB Output ports and total USB power output will display on the LCD Screen.
3. Short press the USB Power Button again to turn it off when not in use to save power consumption.

Caution: With the USB Power Button on, the product will not automatically shut down.

4.5 AC CHARGING

1. First, connect the supplied AC Adapter to a standard 120V AC socket.
2. Connect the AC Adapter with the DC Input Port on the front of PS700.
3. On the LCD screen, you can see the charging status and current power. Disconnect the AC adapter until it is fully charged.

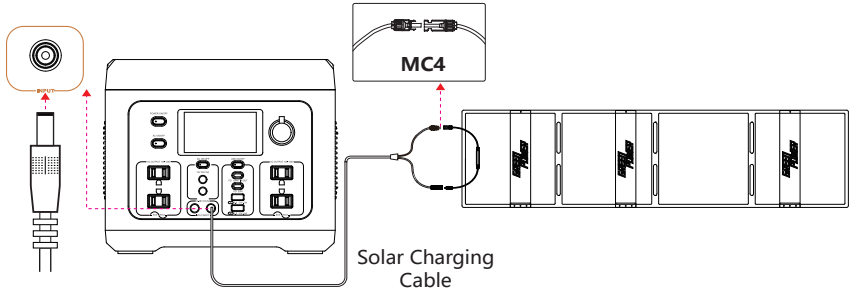
Caution: You can speed up rechargeability of the power station through the AC adapator and 100W PD USB-C port simultaneously. It takes only 2 hours to recharge 80% battery of the power station by this way.



AC Charging Cable

4.6 SOLAR CHARING

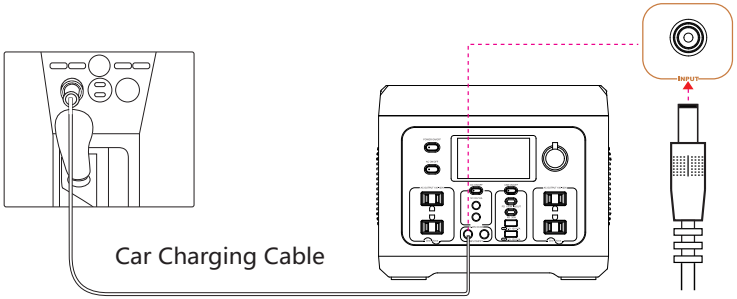
1. First, open the Ample 200 and place it in direct sunlight.
2. Connect the MC4 interface of Ample 200 with the DC InputPort of PS700 through the Solar Charging Cable as shown in the figure.
3. On the LCD screen, you can see the charging status and current power. You may need around 6 hours of direct sunlight to fully charge PS700 when using Ample 200 (Depending on Weather).



4.7 CAR CHARGING

1. First, start the car and connect the supplied Car Charging Cable to the car charging port.
2. Connect the Car Charging Cable with the DC Input Port on the front of PS700.
3. On the LCD screen, you can see the charging status and current power. It supports 24V Max car chargers and an 6A Max charging current to quickly meet your electricity needs while on the road.

Caution: Please charge using the car charger after you' ve started the car to avoid failure to start due to insufficient car battery.



Q1: What battery does the product use?

A: PS700 uses premium LiFePO4 battery, which offers the power station more than 2000 cycles.

Q2: How to know the working times for my device? Why does the duration of some devices deviate from the actual usage data?

A: The actual working time = 716Wh * 0.9 / operating power of your device. The duration of our equipment is based on laboratory data, and the duration of specific equipment usage may vary under different situations.

Q3: Does PS700 include a built-in MPPT controller?

A: Yes, PS700 has a built-in MPPT controller.

Q4: To fully recharge the power station, how long does it need?

A: There are 4 ways to recharge the power station: about 3 hours by using an AC wall adapter (include); about 7 hours by using an PD adapter (not include); about 6 hours from Ample 200 (depending on weather, not include); about 5 hours by using the car charger (include).

Note: The actual charging time by solar depends on the weather, solar condition, and the angle of the solar panels

Q5: How long can the product charge my devices?

A: The charging time is shown on PS700 LCD Screen, which can be used to estimate the charging time of most appliances with stable power usage.

Q6: What devices can this PS700 support?

A: PS700 can support devices that operate at less than total 700W.

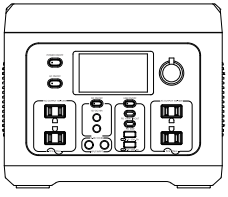
Q7: Can I use the power station to run other equipment while it is charging?

A: No, it will cut off all output ports automatically to protect the battery while it is charging.

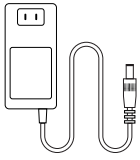
Q8: How can I know if the product is charging?

A: When it' s charging, the remaining battery percentage and the input power will be shown on the LCD Screen.

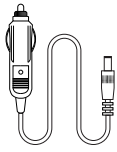
6.PACKAGE CONTENT



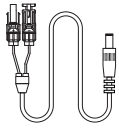
Green Power PS700



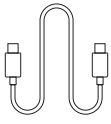
AC Charging Cable
Cable(1.2m)



Car Charging Cable
(1m)



Solar Charging Cable
(MC4 to DC6530 Input)



USB Type-C
Cable (0.8m)

User Manual and
Warranty Card

7.MAINTENANCE

1. The power station contains a durable and high quality LiFePO4 battery. It is recommended to use the product in an environment temperature between 50°F to 86°F for optimal charging capacity.
2. The LCD display provides charging status and current power. Please disconnect the AC adapter when the charging is complete to protect the battery.
3. For safety, please do not use or storage the product near water, heat, and other metal objects.
4. Please use a dry cloth to clean off dirt on the product ports.
5. To extend battery life, please charge it at least once every 6 months and then store in a cool, dry location.

8.RECYCLING

1. The product contains batteries with potentially dangerous chemicals, so it is strictly prohibited to dispose of it in ordinary trash cans directly.
2. Make sure to discharge the battery thoroughly before placing it in a designated battery recycling bin.
3. For more details, please follow the local laws and regulations on battery recycling and disposal.

9. ERROR CODE

ERROR CODE	ERROR TYPE	ERROR RECOVERY METHOD
E01	Input overcurrent protection	Replug the charging device
E02	Input overvoltage protection	Choose the right charging device
E03	Input undervoltage protection	Choose the right charging device
E04	Overall overload protection	After removing the abnormal load, press the button to restore the output
E05	Inverter over temperature protection	After the inverter temperature recovers, turn it on again
E06	Inverter over temperature protection	After the inverter temperature recovers, turn it on again
E07	Inverter over temperature protection	After removing the abnormal load, press the button to restore the output
E08	Battery charging low temperature protection	After the battery temperature returns to normal, normal function will restore
E09	Battery charging over temperature protection	After the battery temperature returns to normal, normal function will restore
E10	Battery discharge low temperature protection	After the battery temperature returns to normal, normal function will restore
E11	Battery discharge over temperature protection	After the battery temperature r eturns to normal, normal function will restore
E12	Battery overvoltage protection	Remove the charger, the device will return to normal function
E13	Battery undervoltage protection	Prompt warning, automatically shut down after undervoltage, normal function should retore after recharge
E14	Cell overvoltage protection	Remove the charger, the device will return to normal function
E15	Cell undervoltage protection	After the battery voltage returns to normal,normal function will restore
E16	Battery charging overcurrent protection	Replug the charging device
E18	DC+USB discharge over power protection	After removing the abnormal load, press the button to restore the output

ERROR CODE	ERROR TYPE	ERROR RECOVERY METHOD
E19	MOS over temperature protection	After the temperature of the machine is restored, press the button to restore normal function
E20	BMS charging over temperature protection	After the temperature of the machine is restored, press the button to restore normal function
E21	BMS discharge over temperature protection	After the temperature of the machine is restored, press the button to restore normal function
E22	BMS MOS over temperature protection	After the temperature of the machine is restored, press the button to restore normal function
E25	BMS cell undervoltage protection	Prompt warning, automatically shut down after undervoltage, normal function should retore after recharge
E26	BMS total voltage undervoltage protection	Prompt warning, automatically shut down after undervoltage, normal function should retore after recharge
E27	BMS discharge short circuit protection	Need to charge to activate, press the button to restore normal function
E28	BMS discharge overcurrent protection	Need to charge to activate, press the button to restore normal function
E29	BMS charging overcurrent protection	Need to charge to activate, press the button to restore normal function
E30	BMS environmental over temperature protection	After the BMS temperature returns to normal, normal function will restore
E31	BMS environmental low temperature protection	After the BMS temperature returns to normal, normal function will restore
E32	BMS temperature acquisition failure	BMS abnormal, please contact customer service
E33	BMS voltage acquisition failure	BMS abnormal, please contact customer service
E34	BMS discharge	BMS abnormal, please contact customer service
E35	MOS failure	BMS abnormal, please contact customer service
E36	Unbalanced BMS cells	Battery abnormal, please contact customer service
E37	Inverter communication abnormal	Communication is abnormal, please contact customer service
E40	BMS communication abnormal	Communication is abnormal, please contact customer service