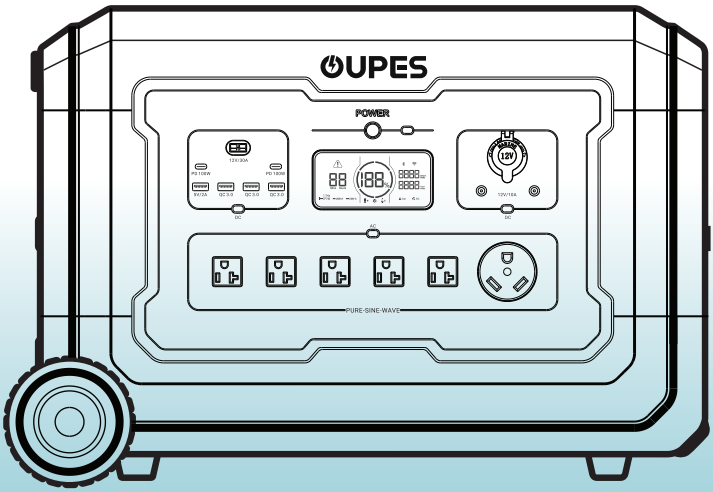
OUPES

NO POWER OOPS WITH OUPES

3600W PORTABLE POWER STATION



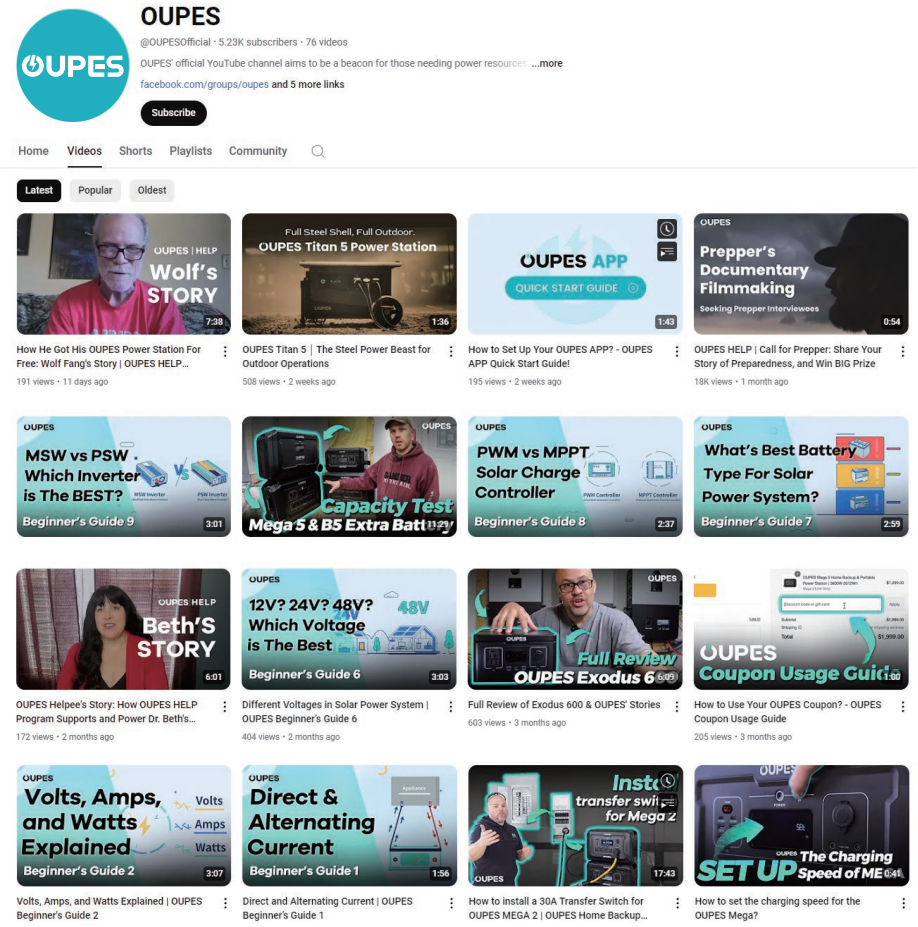
MEGA 3

User Manual

Welcome

Hi friend, thank you for choosing to support our products.

Please follow our YOUTUBE channel to learn more about product operation guides, precautions, new product release information, as well as see product usage experiences and stories shared by others.



Content

Disclaimer

Please read and fully understand this product user manual before use. And keep it well for future reference. If not use this product correctly, you would cause serious injury to yourself or others, or result in product damage and property damage. Once you use this product, you are deemed to have understood, recognized and accepted all terms and content of this user manual. You are solely responsible for your actions and all consequences arising therefrom. OUPES is not responsible for all the losses caused by the user's failure to use the product in accordance with the User Manual.

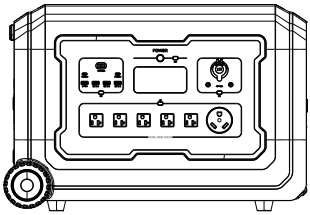
In compliance with laws and regulations, OUPES reserves the right of final interpretation of this document and all related documents of this product. Subject to update, revision or termination without prior notice, please visit official website for the latest product information.

●The Company is not responsible for any damage caused by force majeure (e.g. fire, typhoon, flood, earthquake or customer's negligence, abuse or use in other unusual circumstances).

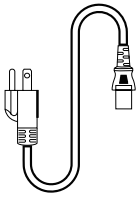
●The Company is not responsible for the loss caused by the use of non-standard connectors.

●The Company is not responsible for any damages caused by the wrong operation which don't follow the instructions of user manual.

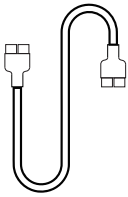
Product List



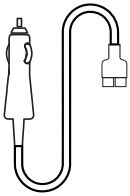
OUPES Mega 3



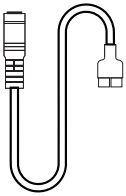
AC Charging Cable



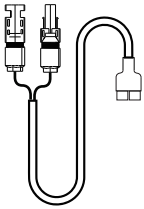
Andreson Cable



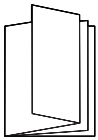
Andreson-Car Charging Cable



Andreson-7909 Cable



Andreson-MC4 Cable



User Manual& Warranty Card

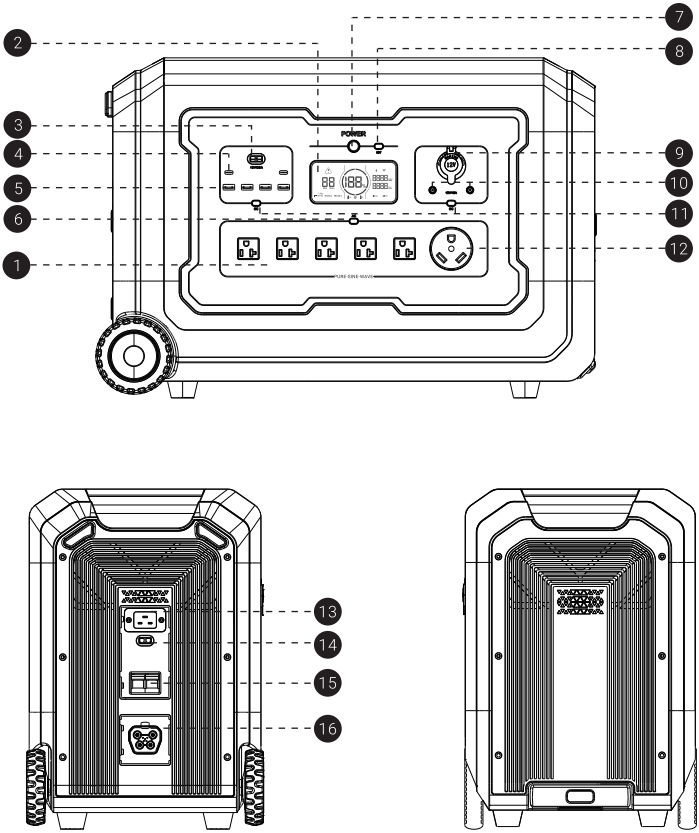
Product Description

Parameter Specifications

Output Technical Parameters		
AC Output	Rated Voltage	100~120Vac
	Rated Power	3600W
	Peak Power	7000W
	Frequency	60Hz
DC 12V & Car lighter Output	Rated Voltage	12V
	Rated Current	10A
USB-A Output	5V/3A; 9V/2A; 12V/1.5A 【18W Max】; 5V/2A (Some iPhones are not applicable.)	
USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/5A【100W Max】	
Anderson Output	12V/30A	
Input		
AC Charge Input	100~120Va.c 16A Max 1800W Max	
PV(Anderson) Input	12~150Vd.c 15A Max 2100W Max	
Battery		
Rated Capacity	3072Wh	
Rated Voltage	51.2 V	
Battery Type	$LiFePO_4$	

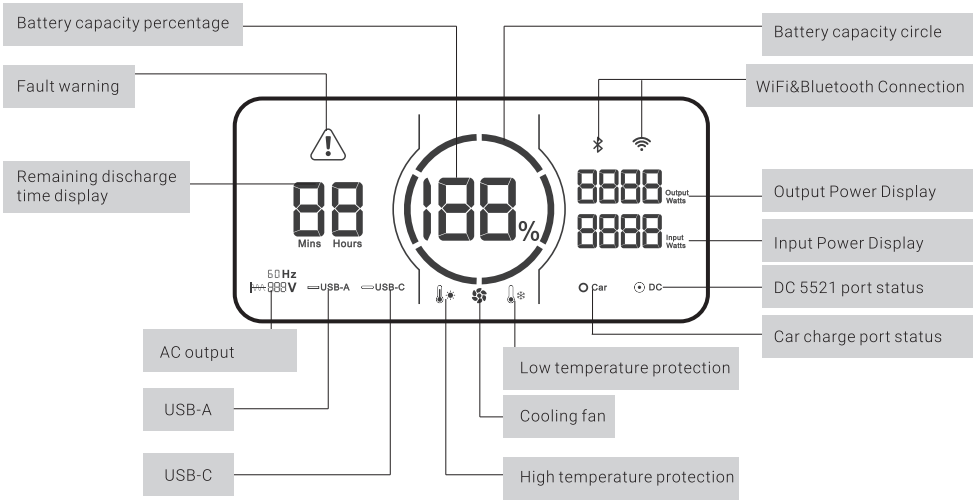
Common Information	
IP Grade	Ip21
Working Temperature	0~40℃
Dimensions	25.2*11.9*17.2in (641.5*304.5*437.5mm)
Net Weight	83.33lb(37.8kg)

Function Description



1. AC Output Port (20A Max)
2. LCD Screen
3. Andreson Output Port
4. USB-C Output Port
5. USB-A Output
6. AC Output Power On/Off Switch
7. Main Power On/Off Switch
8. IOT On/Off Switch
9. 12V Car Charger Output Port
10. DC 5521 Output Port
11. DC Output Power On/Off Switch
12. AC Output Port (30A Max)
13. AC Recharging Input Port
14. Andreson Input Port
15. Circuit Breaker Protection Switch
16. Fuel Pack Connection Port

LCD Screen Description



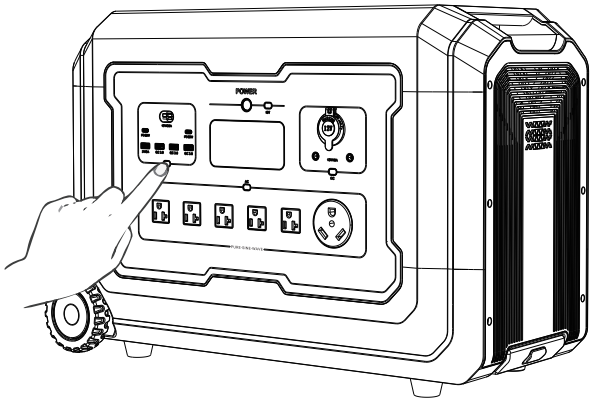
Instructions for use

The LCD Battery Capacity Circle indicates the remaining capacity. The circle has been divided into 6 equal segments, accounting for about 17%~35%~51%~68%~85%~100%.

When discharging, the blue segments of the circle will disappear to the real-time remaining capacity. When recharging, the blue circle will be flashed clockwise along the trajectory, and the digital number on the right of the circle will show you the real-time input charging power. After full charge, the whole blue circle will light up and remain stable. When charging is complete, please unplug the adapter.

Long press the power button, the power station is turned on, the LCD screen lights up, and the power button enters the white light breathing status; long press the power button (about 3 seconds or more), the product shuts down, and the LCD screen goes out.

When the main power button is turned on, lightly press the separate button of each part, the corresponding LCD screen will light up the function icon at the same time, and the function of the corresponding part can be used normally; lightly press the separate button again, the corresponding LCD screen icon will go out, and the function of the corresponding part will stop working.



Notice:

1. After the product is turned on, short press the main power button, the LCD screen will turn off but the product will not be turned off.

2. If the product is not operated within 5 minutes, the product will enter the

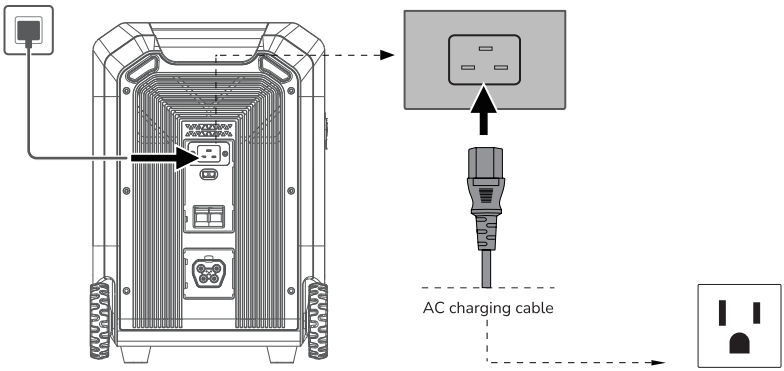
sleep state and the LCD screen will automatically turn off. When the product has a load change or operation, the LCD screen automatically lights up.

3. The default standby time of this product is 12 hours. (Only main power on). The product will automatically shut down after 12 hours, and the standby time can be set on the APP.

Recharge Methods

AC Charging

Use the standard AC charging cable to charge the device and connect it as shown in the figure. When a reading appears on the input power on the screen, the device starts to charge. It can support fast charging up to 1800W, and the device can be fully charged in about 1.7 hours.

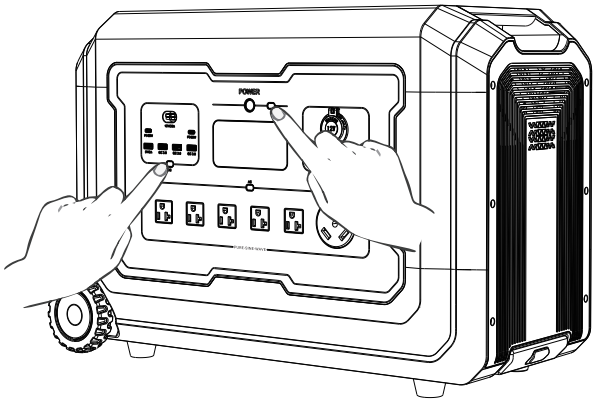


Note: Please use the AC Charging Cable included in the package for fast charging. Do not use other cables to charge. Plug directly into an AC wall outlet and make sure that the wall output current is more than 16A. Otherwise, reduce the unit charging speed with the AC Charge Speed Switch. OUPES takes no responsibilities for any consequences caused by failures to follow instructions, including but not limited to charging with other AC charging cables.

Instruction for Fast Charging & Slow Charging Switching Function

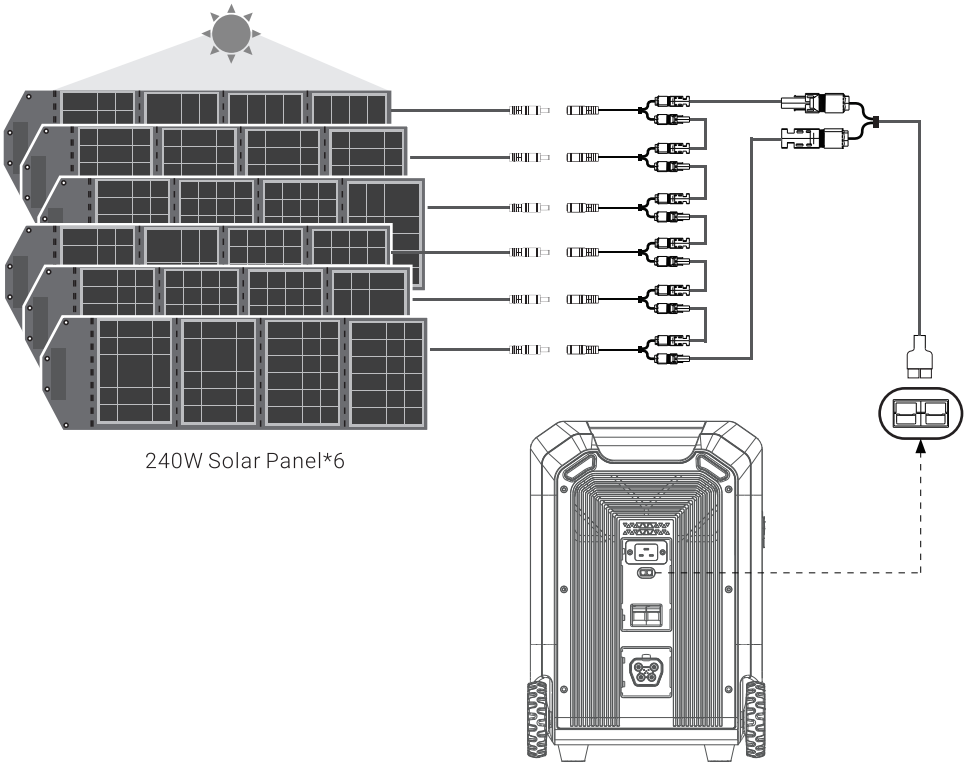
Note: The product must be turned on, and the input and output ports must be cut off.

1. Simultaneously press the IOT button + the left DC button for 3~5 seconds, the LCD screen flash and display 'SET', the product enter the input power switching interface, lightly press the IOT button to switch, 'L' means slow charging (900W input) , 'H' means fast charge (1800W input);
2. After the switching is completed, press the POWER button for 3~5 seconds to confirm the setting: the LCD screen stop flashing and display 'SUC', which means the setting is successful;
3. Press the POWER button again for 3~5 seconds to exit the fast charging & slow charging switching function.



Solar Charging

Use the accessories 1 pcs Anderson-MC4 cable and 6 pcs MC4-7909 cables to connect the standard solar panel(up to 6 standard solar panels) with the device, and it will be fully charged in about 2.5H.



240W Solar Panel*6

Notice:

1. The solar charging cable (MC4-7909 cable) and solar panel need to be purchased extra by yourself.

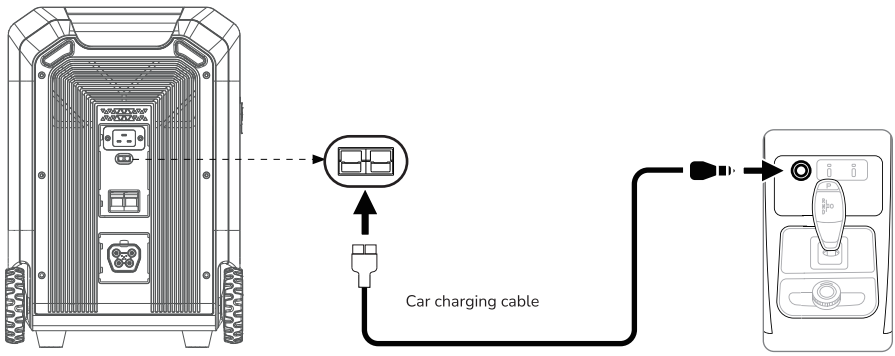
2. When using the matching solar panel to charge this product, please connect it according to the user manual.

Notice:

3. Before connecting the solar panel, please confirm that the output open circuit voltage of the solar panel is within 150V to avoid damage to the product.

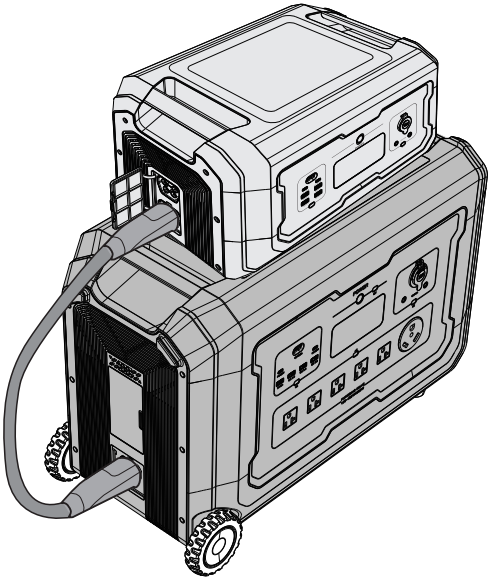
Car Charging

Use the car charger port of the car to charge this product, supporting 12V/8A car charger charging. For protecting the car battery from losing power and unable to start, it is necessary to use the car charger to charge after the car is started. At the same time, ensure that the car charger port and the cigarette lighter of the car charger input cable are in good connection. The company shall not be held responsible for any loss caused by non-compliance with the standard operation.



Power Pack Charging

Connect the power station and the battery pack with the dedicated cable. When the LCD display shows the charging power, it starts to charge. The battery pack can be also charged by solar charging or car charging port alone. The battery pack is sold separately.



Notice:

1. Please make sure that both the product and the power pack are turned off Before connecting the power pack to this product,.

2. After this product is connected to the power pack, make sure that the LCD display of this product shows the input power, and then start to use.

3. Do not directly connect or remove the power pack during the charging and

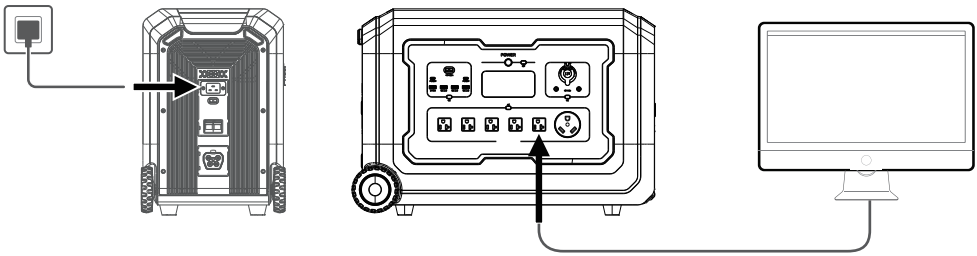
discharging process. If you need to connect or remove the power pack when using, please turn off the power before operating.

4. Do not use your hands or other objects to touch the metal terminals at the connection port of the power pack . If there are foreign objects attached to the metal terminals, please lightly wipe with a dry cloth.

Other Functions

EPS(Emergency Power Supply)

This product supports EPS (emergency power backup) function. When connecting the power grid and the AC input port of this product through the AC charging cable, the electrical appliance can connect the AC output port of this product to work (the AC power comes from the power grid instead of the battery at this time). When the power grid is suddenly cut off, the product can be automatically switched to the battery power supply mode within 20ms.

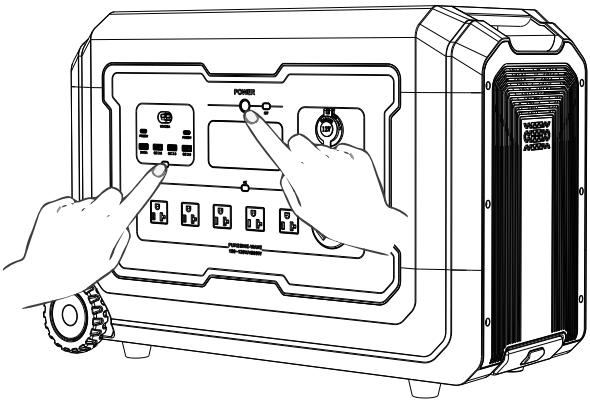


Notice:

This function is a non-professional UPS function and does not support 0ms switching. Please do not connect it to devices that require high uninterrupted power supply (such as data servers and workstations), or use it after multiple tests to confirm whether it is compatible. And it is recommended to use only one device during use, and the operating power of the device should not exceed 2200W (input + output). When the load and charging reach 2200W, the output will be turned off in one minute for overloading, and the output will be turned off in 1 second for more than 2200W. Do not use multiple devices at the same time to avoid overload protection of this product. If the device does not operate normally or data is lost due to failure to follow the instructions, the company will not bear the corresponding responsibility.

Frequency Switching

1. In the power-on state, turn off the AC output, and press the main power button & the DC button(USB output) at the same time to enter the switching frequency menu.
2. Press the AC output button to switch the frequency, the frequency to be set will continue to flash.
3. Long press the main power button to set the frequency, SUC will be displayed if the setting is successful, and then long press the main power button to exit the setting menu.



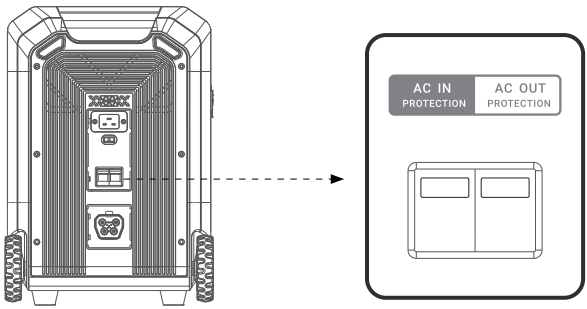
Disconnection switch

The main function of the circuit breaker is to cut off and connect the load circuit, and cut off the fault circuit to prevent the expansion of the accident and ensure safe operation. In the case of electrical overload or abnormal operation, if a fault occurs, the circuit breaker will automatically disconnect the switch to protect electrical appliances and circuits.

1. Please turn on the AC IN switch when charging by mains electricity.

2. Please turn on the AC OUT switch when loading with AC output, otherwise there will be no output at the AC output port;

3. Please turn on the AC IN and AC OUT switches at the same time if you want to use EPS funtion (Load takes precedence over charging: charging+load < 2200W).



FAQ

1. What battery does the product use?

It uses high-quality lithium iron phosphate batteries($LiFePO_4$).

2. What devices can the product's AC output port power?

With 3600W rated power and 7000W peak power, the product's AC output port can power most household appliances. Before you use it, we recommend that you confirm the power of the appliances first and ensure the power sum of all loaded appliances is lower than the rated power.

3. How long can the product charge my devices?

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

4. How can I know if the product is charging?

When it's charging, the remaining charging time will be shown on the LCD Screen. Meanwhile, the charging indicator icon begins to rotate with the remaining battery percentage and the input power shown on the right of the circle.

5. How to clean the product?

Please gently wipe it with a dry, soft, clean cloth or paper towel.

6. How to store the product?

Before storing, please turn off the product first, and then store it in a dry, ventilated place at room temperature. Do not place it near water sources. For long-term storage, please discharge and charge it every three months to extend its battery life.

7. Can this product be taken on the plane?

No.

8. Is the actual output capacity of the product consistent with the capacity stated in the user manual?

The capacity indicated in the user manual is the rated capacity of the battery pack of this product. Since this product has a certain efficiency loss during the charging and discharging process, the actual output capacity of the product is lower than the capacity specified in the user manual.

Fault Code and Trouble Shooting

Code	Description	Performance	Trouble Shooting
E000	AC output short circuit protection	60Hz 888V ⚠ flashing, no output	Press the AC Output Power on/off button for recovery
E001	Output overload protection	60Hz 888V ⚠ flashing, no output DC	Flashing icons indicates which circuit overload. Overload protection needs to be restored manually, UPS function overload 2200W1min, 3600W1sec
E002	AC battery low power protection	The corresponding port has no output	Restart the corresponding function button to restore the function and charge in time
E003	AC output over-voltage and low voltage protection	60Hz 888V flashing, no output	Press the AC Output Power on/off button for recovery
E004	Abnormal AC input frequency	60Hz 888V flashing, no output	The frequency is normal and automatically restored
E005	Busbar high and low voltage, over-current	⚠ flashing, No output from each part	Need to manually press the AC ON/OFF switch to restore
E006	● Inverter over-temperature charging ● over-temperature protection	60Hz 888V ⚠ flashing, no output	Automatic recovery after the temperature returns to normal.
E007	PV input over-voltage and low voltage protection	No PV charging	Return to normal charging after the photovoltaic input voltage is normal.
E008	12V30A overload short circuit protection	DC ⚠ flashing, no output	Need to manually press the DC ON/OFF switch to restore
E009	24V auxiliary power overload short circuit alarm	The DC board reports a fault, but does not turn off the output.	Reduce the load on DC port
E010	Cigarette lighter port overload and short circuit	DC ⚠ flashing, no output	Need to manually press the DC ON/OFF switch to restore
E011	USB-A port overload and short circuit	DC ⚠ flashing, no output	Need to manually press the DC ON/OFF switch to restore
E012	USB-C port overload and short circuit	DC ⚠ flashing, no output	Need to manually press the DC ON/OFF switch to restore
E013	Battery low voltage protection when DC discharge	DC flashing, no output	Restart the corresponding function button to restore the function and charge in time

Code	Description	Performance	Trouble Shooting
E020	BMS Communication fault	 flashing, no output	Check the BMS communication line
E021	Single cell of the battery over-voltage	Capacity percentage flashing	Put the device aside and wait for the cell voltage to recover automatically.
E022	Single cell of the battery low-voltage	Capacity percentage flashing	Connect the AC charging cable and charge until the voltage returns to normal.
E023	The total voltage of the battery is too high	E023 codeflashing, but does not turn off the output	Put the device aside and wait for the cell voltage to recover automatically.
E024	The total voltage of the battery is too low	 flashing, no output	Connect the AC charging cable and charge until the voltage returns to normal.
E025	Battery cell over-temperature	 flashing, no output	Temperature recovery automatic recovery
E026	Battery cell low-temperature	 flashing, no output	Temperature recovery automatic recovery
E027	System overload	The AC icon flashes to turn off the AC function, and the DC output is normal AC load is higher than 3600W or AC+DC loads are higher than 3600W	Need to manually press the AC ON/OFF switch to restore
E028	Charging over-temperature	 flashing, device stops input	Temperature recovery automatic recovery

Storage & Maintenance

1. Please store the product away from water, heat, and metal objects.

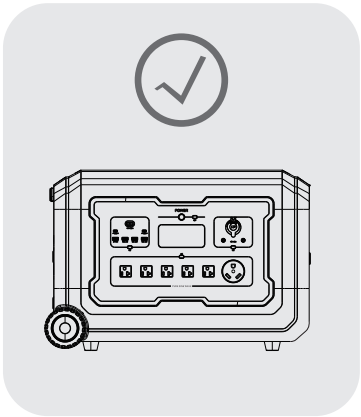
2. In order to prolong the service life of the battery, it is recommended to use or store this product in an environment temperature between 20℃ to 30℃ .

3. For long-term storage, please charge and discharge the product once every 3 months (discharge to 0% first, then fully charge, and then discharge to 60% for long-term storage). Products that have not been charged and discharged for more than 6 months will not be covered under warranty.

4. For safety, do not store this product in an environment temperature above 45°C or below -10°C for a long time.

5. If the product has been idle for too long and the battery is severely low, it will enter a deep sleep protection mode. In such case, please charge the product before using it again.

6. For long-term storage, please place it horizontally.



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