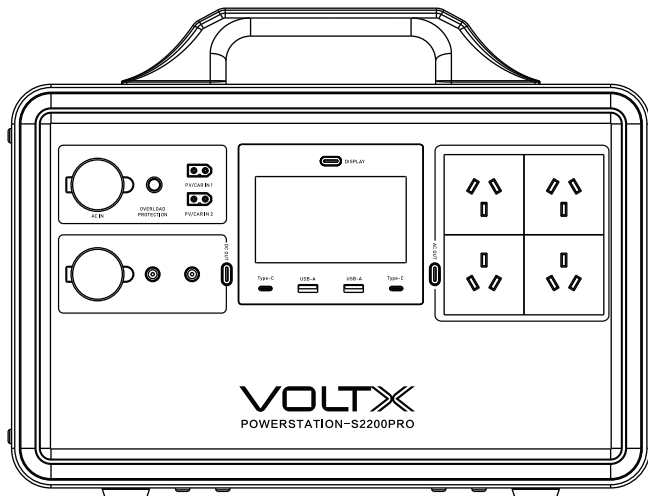


S2200Pro

Portable Power Station Instruction Manual



Attention! This manual is generally used in energy storage system products with an AC output range of 100-240V/50Hz-60Hz. The actual specifications of the product, especially the AC output, will be customized according to different countries, regions and users. Please read this manual carefully before using this product.

LED Display Switch

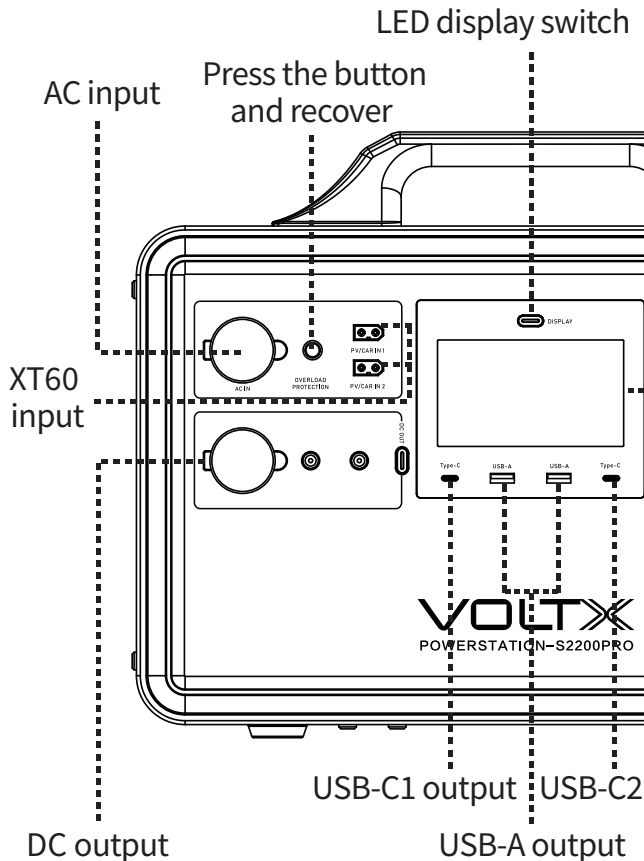
Short press to control LED display on/off
Long press 2s clears Bluetooth binding

Input

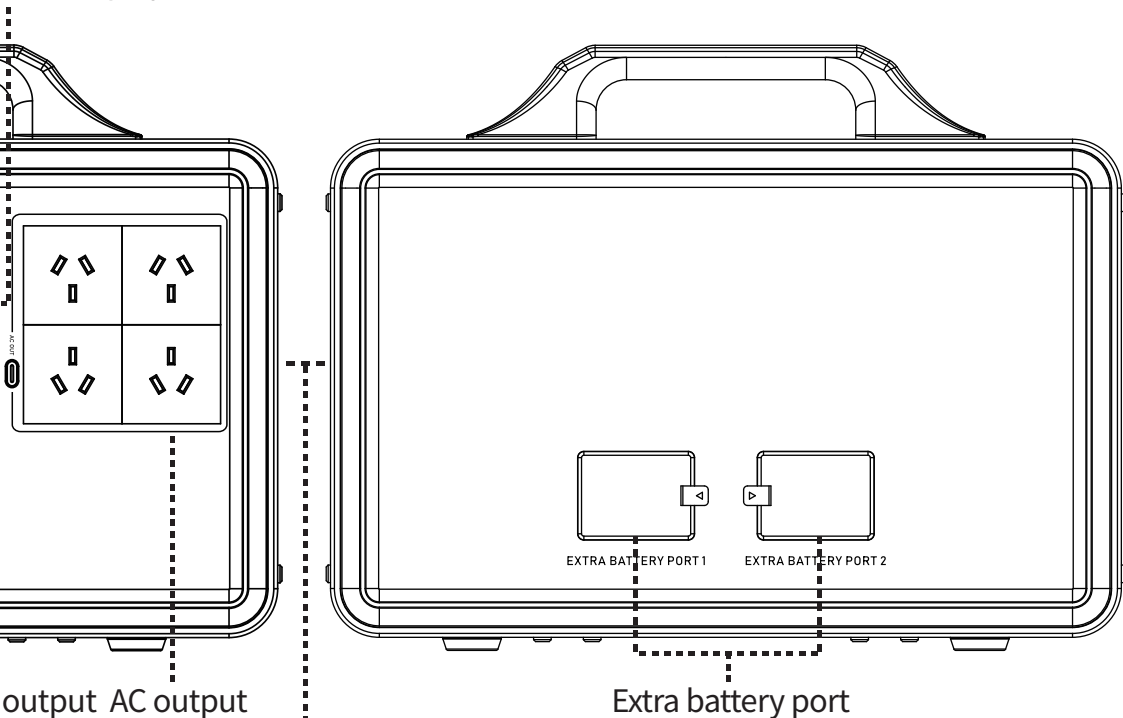
1. AC: 2000W
2. Solar XT60: 2*600W Max.
3. Car Charger: 120W

Output

1. USB-C1: PD 100W/USB-C2: PD 45W
2. USB-A 1/2: 18W
3. Car Charger/DC Output shared 120W
4. AC: Stable at 2400W, Peak at 4800W
5. Maximum total output: 2400W



LED display



output AC output

Cooling fan

EXTRA BATTERY PORT 1

EXTRA BATTERY PORT 2

Extra battery port

*Extra battery need to buy separately.

Chargeable device

USB Output: Smartphone, Smartwatch, Digital Camera, E-reader, Tablet, etc.

12V Car charger Outlet: Light, Car Adaptor, etc.

AC Output: Laptop, LED screen, Household appliances, etc.

AC Output:



LED lights
12V/5W
(380 h)



Camera
16WH
(119 times)



Laptop
60WH
(31 times)



TV
110W
(17 h)



Drone
60WH
(31 times)



Fan
45W
(42 h)



Electric Drill
1000W
(1.9 h)



Hair Dryer
1200W
(1.6 h)



Blender
400W
(4.5h)



Electric
cooker
800W (2.2 h)



Electric oven
1500W
(1.2 h)



Projector
100W
(19 h)

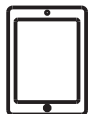
USB Output:



Smartphone
3095mAh
(165 times)



Gaming console
4310mAh
(119 times)



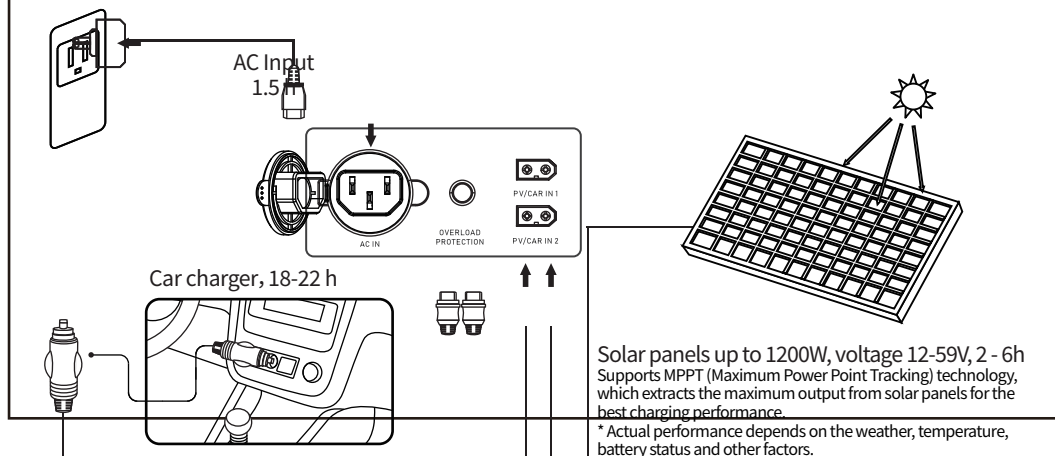
Tablet
28.65Wh
(66 times)

DC Output



Car charger
Outlet Car
refrigerator
65W (29 h)











Before using or storing the product, please charge it with the charger cable. When connected to the mains for charging, the LED screen will light up and display the current power of the product. When the LED screen shows that the power is 100%, it means full.












Operating Temperature range

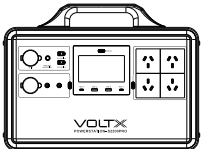
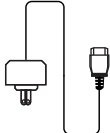
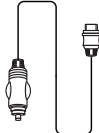
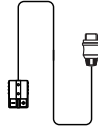
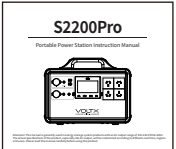
Low temperatures may reduce the battery capacity of the product. The product can be charged within a temperature range of 0°C to 40°C. If charging is required at temperatures below 0°C, first place the product in a warm environment before connecting it to a power source (AC or solar). For discharging (to run other devices), it can operate in temperatures ranging from -10°C to 40°C.

Specifications

									
Capacity	Weight	Dimension	AC Input	Solar Input	Car charger Output	DC Output	USB-C Output	USB-A Output	AC Output
2240Wh (50000mAh/ 44.8V)	26.8kg	409*298 *310mm	2000W Max.	XT60 600W*2 (12-59V)	120W Max.		1:PD100W 2:PD45W	18W Max.	Stable at 2400W Peak at 4800W

								
Battery Cell	Cycle times	Storage Temperature	Operation Temperature	Charging Temperature	Protect system	Bluetooth	Warranty	Certificate
LiFePO ₄ Battery	4000times	-10-45°C	-10-40°C	0-40°C	Overcharge protection, Over-discharge protection, Overcurrent protection, Over temperature protection, Short circuit protection, Overvoltage protection.	Bluetooth 4.2 with App	24 months	CE RoHS

Packing list

				
Power station	AC charger cable	Car charger	Anderson to XT60 cable	User manual

Use Instructions

How to use it:

1. Press the power switch next to each port you are going to use.
2. When the indicator light next to the port is on, the output port is activated and can power the corresponding device.
3. The AC output port is rated for a maximum of 2400W (peak 4800W). If the product is used beyond the maximum power, the over-power protection will activate, and the AC output will shut off. Press the button to reactivate after the load is removed.
4. To avoid draining the battery due to forgetting to turn off the output during use, you can set a shutdown timer for no-load or light-load conditions in the app.
5. If the product is not used for a long time, it is recommended to replenish the charge every 3 months, maintaining the battery level between 60%-80%, and store it in a cool and dry place.

Note: Please press the power button to turn it off when not using the AC power port to save power.

LED Screen Instructions

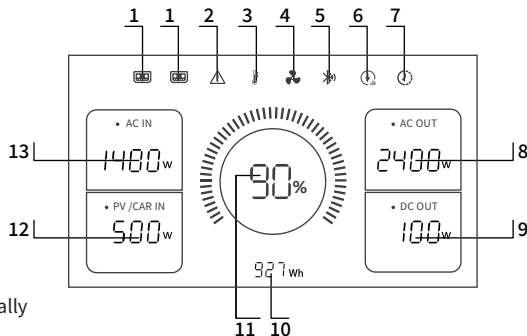
The LED screen of this product displays the product usage status. When any function is activated, the screen will light up. When the screen display is not needed, you can press the button to turn off the LED screen.

- | | |
|------------------------------------|---------------------------|
| 1. Expansion pack | 7. Timing function* |
| 2. Overcharge alarm | 8. AC output power |
| 3. Temperature alarm | 9. DC output power |
| 4. Fan identification | 10. Battery capacity |
| 5. WIFI & Bluetooth status display | 11. Battery level display |
| 6. Charging status display | 12. Solar charge power |
| | 13. AC charge Power |

Timing function*

Icon is on: If the user has set the "no-load shutdown", the AC will be automatically shut down after the time set by the user if it is forgotten to be turned off.

Icon is off: If the user has set the "AC output never to be shut down" setting, the AC output will not be automatically shut down until the product's battery is depleted.



APP Instructions

You can connect to your power station from your smartphone via Bluetooth or Wi-Fi using the Power Zero app. The app displays the product's status and allows you to monitor charging and energy usage in real time. It is compatible with smartphones running Android 6.0 or iOS 12.0 and higher.

*The app is constantly improving. Therefore, the description in this user manual may not be consistent with the most recent version of the app that you find available.

Download the app

- Scan the QR code and install the opened app on your smartphone.



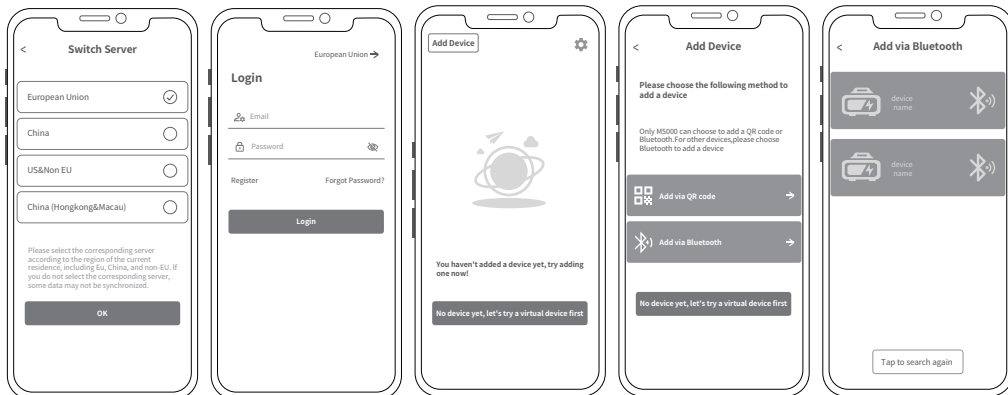
Power Zero

Login

- After the installation, click on the app icon to enter the login interface. If you are opening the app for the first time, you will need to select the server closest to your location.
- For a new account, select "Register" and enter your email address. A confirmation code will be sent to your email address. Enter this code in the app to confirm your email and set a password.
- Log in with your email address and the password you set.
- If you have forgotten your password, select "Forgot Password?" and reset it.
- If you need to access the server selection list again, click on the link in the upper-right corner. Note that if you change the server, the app will no longer retrieve historical data for your device.

Adding devices

- After successful login, select "Add Device" in the upper left corner to add a device.
- If a QR code is available on your device, click on "Add via QR code" and scan the QR code
- Alternatively click "Add via Bluetooth", enable Bluetooth on your smartphone as well as location sharing, and select the device in your Bluetooth phone interface to add it directly.
- Once the device has been successfully added, the name of your power station will be displayed on the homepage.
- Clicking on different devices in the device management page will switch the connection to those devices. To modify and delete devices: if you are using iOS, swipe left; if you are using Android, long-press on the device list.



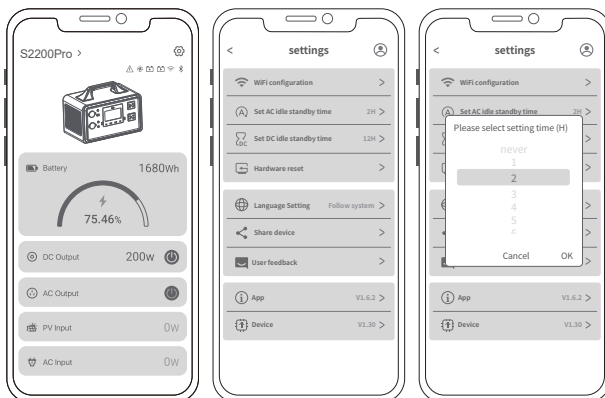
Home Screen of Device

Real-time display of device status: alarms, fan status, Bluetooth WIFI status, battery remaining, DC/AC output power, PV/AC input power.

APP Settings

Select the settings wheel at the top right to change settings or get information:

- Account management.
- Set AC idle standby time.
- Set DC idle standby time.
- Share device.
- Wireless network settings.
- APP and device information.



Fault diagnosis

If your appliances cannot get power from this portable station, please follow the steps below:

1. Ensure that the output is enabled, and the LED indicator light on the power button is on.
2. Check the LED power display for battery level. If it is 20% or less, please charge the station.
3. Ensure that the power of your devices does not exceed the maximum output of the station.
4. Confirm that the device power cable you are using is properly plugged in and has good contact.

Frequently Q&A

Q: What is the battery type?

LiFePO4 battery.

Q: Can the product be taken on the aircraft?

Typically not. According to airline transportation regulations, lithium batteries with a capacity over 100Wh cannot be taken on board aircraft. Please check with your airline for more information.

Q: Can the station be charged with solar panels from a different brand?

Yes, it can. Please use solar panels that meet the following specifications for charging:

- Voltage range: 12-59V DC

- Rated output power: maximum 2*600W.

This product uses MPPT (Maximum Power Point Tracking) technology, which maximises energy and efficiency of solar panels. Actual performance depends on weather conditions and will significantly decrease in cloudy weather or shaded areas.

Q: How to estimate the working time of the product?

This depends on the power consumption of appliances you are using. If it is stable (the same device is powered), the LED display of this product can help estimate the remaining working time by checking the battery percentage and observing how quickly it decreases.

Warranty information

This warranty covers defects in materials and workmanship under normal use of the product. The warranty described herein is the sole, exclusive and comprehensive warranty for this product. We do not authorise anyone else to provide additional warranties or assume any other liabilities.

Warranty period

The product warranty period is 2 years. In all cases, the warranty period starts from the date of purchase. Proof of purchase and other supporting documents, information, or verification may be required.

The following conditions are not covered under the warranty:

1. Damage to the product occurring after use, and any type of mechanical impact.
2. Unauthorised disassembly, modifications or repairs performed on the product.
3. Performance issues caused by misuse, abuse, or negligence.
4. Damage caused by humidity, contact with water or liquids, corrosive substances, excessive heat, or damage resulting from natural disasters, lightning, accidents, or other abnormal events.

How to get the warranty service

You can contact our customer service through our official website or e-commerce platform. Thank you for your cooperation!

Chemical composition of toxic and harmful substances

Part Name	Toxic and harmful substances or chemical elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Product shell	0	0	0	0	0	0
Circuit module	X	0	0	0	0	0
button	0	0	0	0	0	0
Small hardware	0	0	0	0	0	0
Charging Cable	0	0	0	0	0	0
Battery	0	0	0	0	0	0

O: The content of hazardous substances in homogeneous materials all components are limit requirement specified in GB / T 26572.

X: The content of hazardous substance in at least one of the average materials of the part exceeds the limit requirement of GB-T 26572, and there is no mature alternative in the industry at present, which meets the environmental protection requirements of the EU RoHS directive.

This information for reference purposes only and does not represent a binding agreement. Product (Colour, Size, OSD, etc) in kind prevail.

Important safety information

Warnings!

Please note the following safety precautions.

- A. Do not cause a short-circuit. Please avoid storing the product together with metal objects, such as coins, jewellery, keys, etc.
- B. Do not expose the product to liquids or heat, including placing it near a fire, engine, leaving it in the rain, or under direct sunlight etc.
- C. Do not place the product in a highly humid or dusty environment.
- D. Do not disassemble the device in any manner.
- E. Do not drop, place heavy objects on it, or subject the product to strong impacts.
- F. Always place this product in a location where it cannot be reached by people who lack experience and relevant knowledge, unless they are supervised by personnel responsible for their safety.
- G. Ensure the product cannot be accessed by children.
- H. Do not cover the product (such as with towels or clothing) when using it or charging it.
- I. The product may get hot when it is being charged. This is normal but you must exercise care.
- J. Do not leave this product without charge for an excessive period of time.
- K. Disconnect your device from the product when the power is no longer needed.
- L. Never use damaged cables or sockets, and never touch any live conductors to avoid electric shocks.
- M. Dispose of the product according to the local regulations. Never put it into the general rubbish, to avoid risks of explosion or pollution.
- N. The product is intended only for emergency and temporary power supply. It cannot replace a standard DC power supply or AC power supply for household appliances or digital equipment.

RoHS
Made in china

