R1500 LITE V1.0

Portable Power Station

Model R1500 LITE

The products and materials described in this manual will be changed at any time due to technical upgrades. The company reserves the final right to change and explain the contents of the manual.

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1. Safety Instructions

This product is an power station battery, please make sure to take basic precautions, be sure to take basic precautions including:

1. Be sure to operate the product in a dry and well ventilated place, and if it gets wet, dry it thoroughly before use.
2. To reduce the risk of injury, close monitoring is required when using this product near children.
3. Do not use this product if the power cord or plug is damaged, or if the product is not working properly.
4. Do not touch the AC interface with metal, otherwise it may cause electric shock, fire and other dangers.
5. During charging or using the product, do not block the product vents, otherwise it may cause permanent damage to the product.
6. Please do not expose the product to rain and snow.
7. It is forbidden to use the product in the environment of strong static electricity or strong magnetic field.
8. Please use the cable specially designed for the product, the company does not assume any responsibility for the damage caused by the use of other cables.
9. Do not disassemble the product at will. If this product needs service or maintenance, please find a professional.
10. Warning! Lithium Battery is at risk of explosion if battery is replaced by an incorrect type.
11. When disposing of used batteries, please separate batteries of different electrochemical systems.
12. In case of fire, only powder fire extinguisher can be used or removed in water.
13. Be sure to keep the product away from fire and heat sources.

2. Specifications

General Information

Net Weight Approximately 15KG(33.07lbs)
Size: 412*232*258mm(16.22*9.13*10.16in)
Battery Capacity: 1536Wh (28.2V=30Ah)
Wi-Fi Support
Bluetooth Support
UPSe Uninterruptible Power Supply Support

Input Ports

AC Input: 1100~1200V~10A Max, (220~240V~5.5A Max
Solar Input: 12~60V~ 15A, 1000W Max
Car Charge Input: 12V~10A

Output Ports

AC Output *4: 120~(220-240)~1600W Max (Surge 3200W)
USB-A*2: 5V~3A,9V~2A,12V~1.5A,18V~1.5A
USB-C*2: 5V~3A,9V~2A, 20V~5A, 100W Max 1
Car Port: 12V~10A 120W Max

Battery Info

Battery Type: LiFP Lithium Iron Phosphate
Protection Type: High Temperature Protection, Low Temperature Protection, Over Voltage Protection, Over Current Protection, Short Circuit Protection, Overload Protection, Over Discharge Protection, Over Current Protection

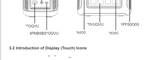
Environmental Operating Temperature

0#5#F9#GF3B5GFFnoco
6JF5B5HF9F5GF3B5GFnoco
4JF5B5HF9F5GF3B5GFnoCPNNFOEG
6GF3B5GNNOEG3B5GNFS

Certification

CE FC RoHS IC

3.1 Product appearance introduction



3.2 Introduction of Display (Touch) Icons

3.3 UPS function (uninterruptible power supply)

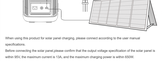
This product supports UPS (Uninterruptible Power Supply) function. You connect the power grid and the AC input port of this product through the AC charging cable, and the electrical appliance can use the AC output port of this product to supply power. When the power grid is normal, the power grid will supply power to the electrical appliance and the power grid is suddenly cut off, this product can quickly switch to the battery power supply mode of this product within 10ms. It is recommended to use only one device during use, and do not use it in the environment with strong electromagnetic interference. If the power supply is interrupted, it is recommended to use a stable power supply to ensure that the operation is not in accordance with the instructions, our company does not assume the corresponding responsibility.

1. When the AC input is connected to the power grid, this function can automatically lights up to activate the UPS function.
2. To ensure the UPS works, the maximum power of the AC output port should not exceed 1600W when the mains voltage is 120~240V. If the mains voltage is 100~120V, the maximum power of the AC output port of the power station consumes 0.5% of the power and turns off the AC output the maximum power of the AC output ports should not exceed 1600W, when the mains voltage range is 220~240V.

When fully charged, the power grid supply directly supplies power to the device.

3.4 Solar charging

Users can charge the product by connecting solar panels in series as shown in the figure.



When using the product for solar panel charging, please connect according to the user manual specifications.

Before connecting the solar panel, please confirm the the output voltage specification of the solar panel is within 60V, the maximum current is 15A, and the maximum charging power is within 600W.

3.6 APP operation guide

3.6.1 APP download

Users can scan the QR code below to download and install the APP

3.6.2 Bluetooth connection power station

Turn on the power station and the power station and Bluetooth are turned on.

The way to turn on Bluetooth: See 1V3G QCF

Click the power station icon on the mobile APP to enter the

Click Next to scan and search for power station

Select the power station to be connected, and the APP is connected

After the connection is successful, AP R1500 LITE V2.0 will be displayed in the Bluetooth device bar

3.6.3 WIFI connection

Turn on the power station, and click the ALLPOWERS name in pop up the WIFI connection QR code Pop up from APP, Step 5: R1V2 QCF

Click the icon in the WIFI device bar on the mobile APP to enter the WIFI connection interface, enter the password of the WIFI network, and click Connection.

Click Scan, scan the QR code on the device to connect and bind the device.

After successful binding, the icon on the power station and whether the power station is online will be displayed as shown in the figure below.

3.6.4 Mobile APP Operation Instructions

(1) Changing power working mode setting: can be set to Fast Mode/Standard Mode/Mute Mode.

(2) Operation mode setting: set to power saving mode, you can set the AC or DC off time to shut down after 0 hours, 2 hours, 4 hours, 6 hours, the power station starting in this mode AC or DC will be turned off after the set time.

3.6.5 Firmware upgrade

Click the "Firmware upgrade" in the APP to enter the firmware upgrade interface, and the APP will automatically prompt whether to upgrade the firmware version if there is a new firmware version.

2.

Q1. Whether battery does the product use?

This product use high-quality lithium iron phosphate battery(LFP).

Q2. How long is the battery life?

The R1 output port of this product can reach 1600W (peak 3200W), and the AC input port can reach 1200W (peak 3200W), which can supply power to most household appliances. The battery life of the product depends on the specific usage scenario and ensure that the sum of the power of all load devices is less than the rated power.

Q3. How is how long the product can supply power?

The battery life of the product depends on the battery life, which can be estimated for devices with stable power consumption:

1. How long does the product is charging?

The charging time of the product depends on the remaining charging time, and the battery indicator mode outside the battery permanent has a breathing animation effect.

2. How to clean the product?

Please use a dry cloth or a damp cloth or paper towel.

Q4. How to use the product?

When storing, please turn off the product first, and then store it in a dry, ventilated place with ambient temperature between 5°C and 40°C. If the product is not used for a long time, it is recommended to charge the battery to 30% and recharge it to 50% every three months to ensure battery performance and extend its lifespan.

Q5. Can this product be brought on the plane?

Yes

Q6.Can the R1500 be charged while using?

Yes, the product supports simultaneous charging and discharging.

Q7. Why the rated output capacity of the product consistent with the large capacity in the user manual?

The capacity indicated in the user manual is the rated capacity of the battery pack of this product, which is the total capacity of the battery pack when it leaves the factory. During actual charging and discharging, the actual output capacity of the product is lower than the capacity specified inthe user manual, and display the input power.

Q8. How to turn on the power and how to turn off the power station?

The bluetooth & WIFI is turned off by factory default, Turn it on/off after turning on the device, press and hold the "DC OUTPUT" button for 3 seconds until the bluetooth & WIFI icon on the screen flashes, and the AC, DC, USB, and car port are closed, the icon disappears to the off state.

Q9. How to turn on/off the beep of the buttons?

The beep of the button is turned on by default at the factory. Turn it on/off: After turning on the device, press and hold the "DC OUTPUT+AC OUTPUT" button for 3 seconds until the prompt sound sounds.

3.6.6 Mobile APP Operation Instructions

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