# MP® ALLPOWERS®

## Portable Power Station

Model:R600

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.

Package contents ----

1. Be sure to operate the product in a dry and well ventilated place, and if it gets wet, dry it thoroughly To reduce the risk of injury, close monitoring is required when using this product near children.

2.Specifications

General Information

UPS (uninterruptible power supply): Support

his product is an power station battery, please make sure to take basic precautions, be sure to

. Do not disassemble the product at will. If this product needs service or maintenance, please find a

Do not stick your fingers into the product, otherwise it may cause electric shock or other dangers. . Do not touch the AC interface with metal, otherwise it may cause electric shock, fire and other dangers. During charging or using the product, do not block the product vents, otherwise it may cause permane

. It is forbidden to use this 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 third party equipment.

10. Improper use, falling or excessive force may cause damage to the product.

11. When disposing of used batteries, please separate batteries of different electrochemical systems

12. In case of fire, dry powder fire extinguisher can be used or immersed in water.

13. Be sure to keep the product away from fire and heat sources.

Net weight: Approximately 5.6KG(12.34lbs) Size: 285X195X190mm(11.2x7.6x7.5inch) Battery capacity: 299Wh(25.6V=11.68Ah)

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AC Input: (100~120)V~4A Max (220~240)V~2A Max Solar Input: (12~60)V=8.8A, 220W Max

AC Output \*2: 100-120V/220-240V 600W Max (Surged 1200W) JS 110-120V=5 A; CN 220V=2.7 A; EU 230V=2.6 A; AU 240V=2.5 A (Max.) JSB-A Output \*2: 5V=3A, 9V=2A, 12V=1.5A, 36W Max USB-C Output \*2: 5/9/15V=3A, 20V=5A, 200W Max

discharge protection, Over charge protection, Overload protection, Short circuit protection, Over current protection

## Environmental Operating Temperature

DC On/Off Output Output

Charge Temperature: 0°C ~ 40°C (32°F ~ 104°F)

Operating humidity range: 10 - 90%

Car Charger Input: 12V/24V DC

Car port: 12V=10A, 120W Max

Wireless charger: 15W Max

AC On/Off

### 3.2 Introduction of Display (Touch) Icons

1.1 Product appearance introduction

6 7 8 9 10 11 12 13 14 15

Battery type: LFP Lithium Iron Phosphate

Protection type: High temperature protection, Low temperature protection, Over

Discharge Temperature: -10°C~40°C(14°F~104°F)

Storage Temperature: -20°C~40°C(-4°F~104°F)(Recommended 20°C-30°C is best)

Number Function Introduce

Percentage of charge 9 Output overload icon 2 The number of input Power 10 DC indicates the icon (3) The number of output Power (ii) AC indicates the icon (12) The UPS indicates the ID AC output hertz number Time remaining, fault code (3) Fan operating ID (4) Car charge output icon

Number Function Introduce

(15) Bluetooth connection ic

he AC power of this product adopts AP-POWER fast charging technology, and the charging power

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

3.4 Solar charging

can be adjusted through the AC charging Fast Mode/Standard Mode/Mute Mode. The maximum input of Fast Mode can reach 400W; the maximum input of charging in Standard Mode can reach Solar Panel 300W; Mute Mode 200W (self-adjusting technology) to achieve mute. The default input power of custom charging is Mute Mode, and the charging power is adjustment needs to be set in the mode

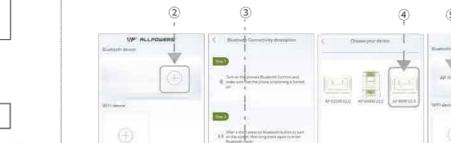
Please use the original standard AC charging cable of the product, ALLPOWERS will not bear any damage caused by the use of other unofficial charging cables bear any responsibility. Please connect directly to the wall power socket. It is not recommended to go through the extension power socket. At the same time, pay attention to whether the household line can last for 10A current. If the above conditions are not met, please switch to standard mode or mute mode

Before connecting the solar panel, please confirm that the output voltage specification of the solar panel is

### 3.5 UPS function (uninterruptible power supply)

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 work (at this time, the AC power comes from the power grid, not the battery When After the power grid is suddenly cut off, this product can automatically switch to the battery power upply mode of this product within 10ms. It is recommended to use only one device during use, and do not use multiple devices at the same time to avoid overload protection of this product. If the power station

Note: When connecting to the power grid, you need to turn on the AC output first, and make sure that the UPS function icon is lit before power off and enter the UPS switching function



## 3.6.1 APP download:

### n fully charged, the power grid supply directly supplies power to the device. ① Confirm that the power station and mobile phone Bluetooth are turned on;



When charge power station by solar panel, please according to user manual. within 12-60V, the maximum current is 12A, and the maximum charging power is within 300W.

## 3.6 APP operation guide

This product supports UPS (Uninterruptible Power Supply) function. You connect the power grid and the Use your mobile phone to scan the QR code below to download and install the APP



Click the ① icon in the Bluetooth device bar on the mobile APP to enter the



Bluetooth connection interface

fails to operate normally or data is lost if the operation is not in accordance with the instructions, our company does not assume the corresponding responsibility.

### 3.6.2 Bluetooth connection power station:

3Click Next to scan and search for power station

4 Select the corresponding power station and click to connect

S After the connection is successful, AP R600 V2.0 will be displayed in the Bluetooth device bar

## 3.6.3 Mobile APP Operation Instructions

Display output

remaining time

battery capacity

Display input —

options

AP R600 2.0

DC 12V USB TYPE-C

Mode/Mute Mode; (2) Operation mode setting, set to power saving mode, you can set the AC or DC off

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

ECO Mode Shutdown times

1 hour or 2 hours, 4 hours, 6 hours, the power station working in this mode, AC or DC w be turned off When the total output power of AC and DC is less than 10W. recommended that you confirm the power of the electrical appliance and ensure tha

sum of the power of all load devices is less than the rated pow . How to know how long the product can supply power ne LCD screen of this product will display the battery life, which can be estimated for devices with stable power consumption.

Q4. How to judge the product is charging?

When charging, the LCD screen will display the remaining charging time, and the battery indicator circle outside the battery percentage has a breathing animation effect. 5. How to clean the product?

nis product with a dry, soft, clean cloth or paper towel.

6. How to store the product? When storing, please turn off this product first, and then store in a dry, ventilated place with

room temperature. Do not place this product in water nearby. For long-term storage, it is recommended to discharge the battery to 30% and recharge to 60% every three months to

prolong the service life of this product. Q7. Can this product be brought on the plane?

Q8.Can the R600 be charged while using?

**Q**9. Is the actual output capacity of the product consistent with the target capacity in the

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 Therefore, the actual output capacity of the product is lower than the capacity specified inthe user manual, and display the input power

Q9. Is the actual output capacity of the product consistent with the target capacity in the

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process Therefore, the actual output capacity of the product is lower than the capacity specified inthe user manual. and display the input power.

Q10. How to turn on/off the Bluetooth of the power station? The bluetooth is turned off by factory default. Turn it on/off: After turning on the device

press and hold the "USB OUTPUT" button for 3 seconds until the bluetooth icon on the display changes. The icon is always on for the on state, the icon disappears to the off state. Q11. How to turn on/off the beep of the button?

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

MPPT input overvoltage panel which exceeds the rated voltage range

# 4. FAQ

Q1. What type of battery does the product use? The fault code is displayed at the position (5) of the display screen, and the related fault type a This product use high-quality lithium iron phosphate batteries(LFP). recovery method are as follows.

2. What devices can R600 power? The AC output port of this product has a rated power of 100-120V 600W (peak 1200W) or 220-240V 600W (peak 1200W), which can supply power to most household appliances.

Charging low temperature

Charging high temperature protection

Discharge low temperature

Stop charging, check the product vent's i

ventilated or not, will automatically recover

of power sation to charge the power stati

after the temperature drops down

Discharge high temperature for more than 2 hours, and it will automate

charging cable Warranty Card

Before using this product, please read the user manual of this product to ensure correct use

after full understanding. If you do not operate this product correctly, you could cause serious injury to yourself or others, or result in product damage and property damage. Once you use nis product, you are deemed to have understood, recognized and accepted all terms and

content of this document. The user undertakes to be responsible for his own actions and all

user's failure to use the product in accordance with the User Manual. compliance with laws and regulations, the company reserves the right of final

interpretation of this document and all related documents of this product.

fficial website for the latest product information.

Remove the load, turn on the AC manually a is product is not intended for use in applications that require extremely high reliability and do not use power station for the devices whi afety, such as aerospace equipment, trunk communication equipment, nuclear power contro exceed the rated output power of the equipment, and medical equipment. Please make a judgment after fully confirming the suitability

f this product and this device by yourself. If this product is used in the above equipment or equipment, we will not be held responsible for any personal injury, fire, or malfunction of the equipment or equipment caused by the failure of this product.

please email:support@allpowers.com Our official website: www.allpowers.com

switching 50hz 60hz

AC switch

f you have any questions or need assistance with our products and services,