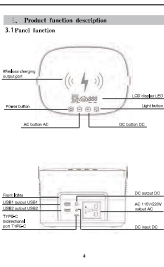


Portable Power Station	
User Manual	
	
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Product technical indicators	
2.1 Performance	
Product type	48-Port/24-Port Desktop Power Station Inverter
Battery type	2000Ah/4000mAh Lead-acid battery
Charging specification	QC 5.0/BC1.1
Charging time	7-9h
USB output	2x USB Type-C, 4x USB Type-A 5V/3.0A/18W (5A/5A/10A/5A/10A/10A) Type-C: PD/PPS/100W Type-C: PD/PPS/100W
AC details	2x 220V/230V/240V/250V/260V/270V/280V/290V/300V/310V/320V/330V/340V/350V/360V/370V/380V/390V/400V/410V/420V/430V/440V/450V/460V/470V/480V/490V/500V/510V/520V/530V/540V/550V/560V/570V/580V/590V/600V/610V/620V/630V/640V/650V/660V/670V/680V/690V/700V/710V/720V/730V/740V/750V/760V/770V/780V/790V/800V/810V/820V/830V/840V/850V/860V/870V/880V/890V/900V/910V/920V/930V/940V/950V/960V/970V/980V/990V/1000V/1010V/1020V/1030V/1040V/1050V/1060V/1070V/1080V/1090V/1100V/1110V/1120V/1130V/1140V/1150V/1160V/1170V/1180V/1190V/1200V/1210V/1220V/1230V/1240V/1250V/1260V/1270V/1280V/1290V/1300V/1310V/1320V/1330V/1340V/1350V/1360V/1370V/1380V/1390V/1400V/1410V/1420V/1430V/1440V/1450V/1460V/1470V/1480V/1490V/1500V/1510V/1520V/1530V/1540V/1550V/1560V/1570V/1580V/1590V/1600V/1610V/1620V/1630V/1640V/1650V/1660V/1670V/1680V/1690V/1700V/1710V/1720V/1730V/1740V/1750V/1760V/1770V/1780V/1790V/1800V/1810V/1820V/1830V/1840V/1850V/1860V/1870V/1880V/1890V/1900V/1910V/1920V/1930V/1940V/1950V/1960V/1970V/1980V/1990V/2000V/2010V/2020V/2030V/2040V/2050V/2060V/2070V/2080V/2090V/2100V/2110V/2120V/2130V/2140V/2150V/2160V/2170V/2180V/2190V/2200V/2210V/2220V/2230V/2240V/2250V/2260V/2270V/2280V/2290V/2300V/2310V/2320V/2330V/2340V/2350V/2360V/2370V/2380V/2390V/2400V/2410V/2420V/2430V/2440V/2450V/2460V/2470V/2480V/2490V/2500V/2510V/2520V/2530V/2540V/2550V/2560V/2570V/2580V/2590V/2600V/2610V/2620V/2630V/2640V/2650V/2660V/2670V/2680V/2690V/2700V/2710V/2720V/2730V/2740V/2750V/2760V/2770V/2780V/2790V/2800V/2810V/2820V/2830V/2840V/2850V/2860V/2870V/2880V/2890V/2900V/2910V/2920V/2930V/2940V/2950V/2960V/2970V/2980V/2990V/3000V/3010V/3020V/3030V/3040V/3050V/3060V/3070V/3080V/3090V/3100V/3110V/3120V/3130V/3140V/3150V/3160V/3170V/3180V/3190V/3200V/3210V/3220V/3230V/3240V/3250V/3260V/3270V/3280V/3290V/3300V/3310V/3320V/3330V/3340V/3350V/3360V/3370V/3380V/3390V/3400V/3410V/3420V/3430V/3440V/3450V/3460V/3470V/3480V/3490V/3500V/3510V/3520V/3530V/3540V/3550V/3560V/3570V/3580V/3590V/3600V/3610V/3620V/3630V/3640V/3650V/3660V/3670V/3680V/3690V/3700V/3710V/3720V/3730V/3740V/3750V/3760V/3770V/3780V/3790V/3800V/3810V/3820V/3830V/3840V/3850V/3860V/3870V/3880V/3890V/3900V/3910V/3920V/3930V/3940V/3950V/3960V/3970V/3980V/3990V/4000V/4010V/4020V/4030V/4040V/4050V/4060V/4070V/4080V/4090V/4100V/4110V/4120V/4130V/4140V/4150V/4160V/4170V/4180V/4190V/4200V/4210V/4220V/4230V/4240V/4250V/4260V/4270V/4280V/4290V/4300V/4310V/4320V/4330V/4340V/4350V/4360V/4370V/4380V/4390V/4400V/4410V/4420V/4430V/4440V/4450V/4460V/4470V/4480V/4490V/4500V/4510V/4520V/4530V/4540V/4550V/4560V/4570V/4580V/4590V/4600V/4610V/4620V/4630V/4640V/4650V/4660V/4670V/4680V/4690V/4700V/4710V/4720V/4730V/4740V/4750V/4760V/4770V/4780V/4790V/4800V/4810V/4820V/4830V/4840V/4850V/4860V/4870V/4880V/4890V/4900V/4910V/4920V/4930V/4940V/4950V/4960V/4970V/4980V/4990V/5000V/5010V/5020V/5030V/5040V/5050V/5060V/5070V/5080V/5090V/5100V/5110V/5120V/5130V/5140V/5150V/5160V/5170V/5180V/5190V/5200V/5210V/5220V/5230V/5240V/5250V/5260V/5270V/5280V/5290V/5300V/5310V/5320V/5330V/5340V/5350V/5360V/5370V/5380V/5390V/5400V/5410V/5420V/5430V/5440V/5450V/5460V/5470V/5480V/5490V/5500V/5510V/5520V/5530V/5540V/5550V/5560V/5570V/5580V/5590V/5600V/5610V/5620V/5630V/5640V/5650V/5660V/5670V/5680V/5690V/5700V/5710V/5720V/5730V/5740V/5750V/5760V/5770V/5780V/5790V/5800V/5810V/5820V/5830V/5840V/5850V/5860V/5870V/5880V/5890V/5900V/5910V/5920V/5930V/5940V/5950V/5960V/5970V/5980V/5990V/6000V/6010V/6020V/6030V/6040V/6050V/6060V/6070V/6080V/6090V/6100V/6110V/6120V/6130V/6140V/6150V/6160V/6170V/6180V/6190V/6200V/6210V/6220V/6230V/6240V/6250V/6260V/6270V/6280V/6290V/6300V/6310V/6320V/6330V/6340V/6350V/6360V/6370V/6380V/6390V/6400V/6410V/6420V/6430V/6440V/6450V/6460V/6470V/6480V/6490V/6500V/6510V/6520V/6530V/6540V/6550V/6560V/6570V/6580V/6590V/6600V/6610V/6620V/6630V/6640V/6650V/6660V/6670V/66



3.2 Display display function

Input power

Output Power

Problems power

Battery Bts

3.3 Protection Function

No.	Protection Function	Unit	Setting	Remarks
1	Over-voltage protection	V	12.5	Over-voltage protection
2	Under-voltage protection	V	10.5	Under-voltage protection
3	Over-current protection	A	10	Over-current protection
4	Short-circuit protection	A	10	Short-circuit protection
5	Over-temperature protection	°C	70	Over-temperature protection
6	Over-charge protection	V	14.5	Over-charge protection
7	Over-discharge protection	V	10.5	Over-discharge protection
8	Over-temperature protection	°C	70	Over-temperature protection

[illegible]

4.4 How to charge this product

4.4.1 Charging with M' adaptor

This product is equipped with a power adapter, which enables charging the product with a power adapter. The product can be charged by connecting the interface of the power adapter to the DC charging input interface of the product.

4.4.2 Charging with solar panel

The product can be charged by connecting the output of the solar panel to the DC charging input interface of the product. Please refer to the manual of the solar panel for the connection method. The product can be used in some scenarios in a wired mode with strong network, and some scenarios in a wireless mode with weak network, which is suitable for direct deployment. When charging, the display shows the percentage of power. When the percentage of power reaches 100%, it means that the product has been fully charged. At this time, please disconnect the charging connection line from the product.

5. Precautions for product use

1. Do not use the product for long-term, high-temperature, or high-voltage work with a strong impact.
2. Do not cover the product with **insulation**, **plastic** and other items during charging.
3. **Do not use the product charged directly with the power supply for a long time.**
4. Some portable devices may need to be used in the charging mode, which they can be charged, for more information, please refer to the corresponding device manual.

5. This product has a **highly sensitive** light sensor. In low light, the sensor may detect large changes in light and may automatically turn the light on. This may occur as little as 10% of the way to 100% to obtain the best dimming capacity.

6. This device is not used for dimming, in order to ensure the maximum life of the product. Dimming the lights, in general, increases both thermal and mechanical loading, the power, increases the number of cycles, and increases the number of times the light is turned on.

7. This device is not a fixed or semi-fixed or the driving use, which should be used in a fixed or semi-fixed use. It is not suitable for use in driving or fixed with semi-use or semi-use.

Safety and Maintenance

- Do not disassemble this device. Please read carefully this device use manual. It contains safety, electrical, and other information.
- Do not touch the device or power line, water and other liquid, and avoid high temperature, including direct sunlight.
- Do not place the device in a highly magnetic field and do not immerse it in water.
- Do not disassemble the device without permission.
- This device has a **hazardous** non-ionizing electromagnetic radiation. **Always** do not use to remain the device to avoid damaging the device. Disconnect the device battery or strongly shield the product.
- Do not use the device in the presence of flammable or combustible vapors, vapors, and aerosols (including cooking), incense, and other substances.
- Understandings: This product should not be used under the supervision or direction of a person responsible for their safety.

- 11. ☐ Always wear lifting devices day after this product.
- 12. ☐ This product may be used when charging. This is a normal procedure and does not require special handling.
- 13. ☐ The charging time may be extended the charging time of this product.
- 14. ☐ After the particle filter is fully charged, please disconnect it from the product in time.
- 15. ☐ Use the product normally to avoid electric shock.
- 16. ☐ Please dispose of wastepaper products in accordance with regulations and do not dispose of hazardous substances in domestic waste to avoid pollution and pollution.
- 17. ☐ This product is intended as an emergency power supply and cannot replace the standard AC power supply or AC power supply after household electrical or other products.

8. Statement

All rights reserved. Without the written permission of the copyright owner, it is prohibited to copy or reproduce part or all of the copyright work, or to make any modification or to use it in any other form. Other trademarks appearing in this manual are used by their respective owners. This manual is for reference only. The copyright of this manual is reserved. The manual will be updated from time to time. Unless otherwise agreed, this manual is only used as a guide, and all statements, information and recommendations in this manual do not make any guarantee.

9

Warranty Card

(Signatures of warranty service will be a condition of the purchase)

To be filled out by the customer. Please fill in the quantities and serial #s of the items to be covered. Complete portions of this warranty service form from the date of purchase.

Warranty range:

1. Product is used for its intended use.
2. Damage is due to normal operation, not incorrect usage or misuse.
3. Damage is not caused by accident, abuse, or misuse.
4. Product is not used for any other purpose.

If you cannot fill out this warranty service form, please check below to pay repair fee for the product.

Customer's name	Salesperson's name
(Date of purchase or date of return)	

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.

The distance between user and products should be no less than 20cm.