

版本	更改	审核	日期
A0	首版发布	杨振华	2021. 07. 09
A1			
A2			

165.00 mm

140.00 mm

Certificate

Inspector: _____

QC: _____

P/N:17.0303.0397-00A0

物料编码

User Manual

Safety instructions

Please observe the following instructions to ensure safe usage:

Do not alter or disassemble this product.

Do not move during charging or using it, because the vibration and impact during moving will lead to poor contact of output interface.

In case of fire, use dry powder fire extinguishers for this product. Do not use water fire extinguisher, which may cause electric shock.

Close supervision is required when using this product near children.

Please confirm the rated specification of your load, and do not use it beyond the specification.

Do not place the product near heat sources, such as electric furnace and heaters.

Not permitted on aircrafts because the battery capacity exceeds 100Wh.

Do not touch the product or the plug in points if your hands are wet.

Check the product and accessories prior to every use. Do not use if it is damaged or broken.

Please unplug the AC adapter from the wall outlet immediately in case of lightning stroke, which may cause heating, fire and other accidents.

Use original charger and cables.

User Manual

General Specs

Rated Output power

1000W (continuous)
2000W (surge)

Typical Capacity

27.5Ah (25°C)
25.5Ah (30°C)

Battery Type

Lithium-ion
Battery

Net Weight

10.5kg (23.1lb)
10.8kg (23.8lb) (with handle)

Dimensions

270*110*110mm
(10.6*4.3*4.3in)

Charging Temperature

0~40°C
(32~104°F)

Working Temperature

-10~45°C
(14~113°F)

Working Humidity

10%~90%

Working Noise

≤55dB

Output Specs

AC

100V~240V
1500W (continuous)
3000W (surge)

USB-A

5V/2.4A
5V/3.0A
5V/3.0A (QC)

USB-C

5V/3.0A
5V/3.0A (QC)
5V/3.0A (PD)

Car lighter

12VDC/10A Total

12VDC/5A

12VDC/3A

12V/5.1V/5.1V

Wireless charging

15W

Input Specs

AC/DC Adapter

100V~240V

Solar Charging

10~18VDC/10A

Car Charging

11~18VDC/5A

Battery Charging

11~18VDC/5A

Estimated operating time

Smartphone

Around 180-200 Times
15W

LED Light Bulbs

Around 80-90hrs
15W

Television

Around 22-24hrs
75W

Electronic Tools

Around 22-22hrs
80W

Refrigerator

Around 18-20hrs
90W

Slow Cooker

Around 7-9hrs
200W

2150Wh Portable Power Station

User Manual

Please read this manual before use and follow its guidance. Keep this manual for future reference.

User Manual

QUICK GUIDE

DC 12V/30A Aviation Sockets port

Power button

Touchable interaction LCD display

US AC output x 6 pcs (EU/UK AC output x 4pcs)

PV/Car input port

Adapter input port

Wireless charging x 2pcs

USB-A 5V/3A output x 2pcs

DC 12V/10A cigarette lighter port

USB-A 18W output x 2pcs

DC 5521 output x 2pcs

USB-C 100W output

User Manual

Solar Charging

DC Charging Port

Aviation Plug

XT90 Plug

Connecting Cable PV+

Connecting Cable PV-

Solar Panel PV+

Solar Panel PV-

MC4 Connecting

Power Station

Solar Panel

User Manual

Safety instructions

What's In The Box

Power Station

AC/DC Adapter

Solar charging cable (MC4 to XT90)

Car Charging Cable (Car Plug to XT90)

1000A Plug to XT90 Cable/Charger

XT90 to Anderson Plug (Optional)

Lead acid Battery Cables to XT90 (Optional)

Use Manual

Warranty Card

Optional

XT90 to Anderson Plug (Optional)

Lead acid Battery Cables to XT90 (Optional)

User Manual

FREQUENTLY ASKED QUESTIONS

1 The adapter (power brick) got hot when I charge it, is that alright?
A It's totally normal for the adapter gets warm, because of the heat produced in circuit during charging.

2 Why the unit shutdown automatically with my appliance connecting?
A The "ECO MODE"(press then hold for 4s to launch) is set to shut down the unit when the AC output of the unit is lower than 50W in 4 hours for power saving.

3 What cause the cooling fan not to launch?
A With the excellent heat dissipation design, cooling fan will only launch when the total loads exceeds 50% of the rated output.

4 Can I charge and discharge the power station simultaneously?
A Yes, it is supported but not recommended in order to protect the lifespan of battery.

5 How to claim the warranty?
A Please refer to the warranty card or the official website for further warranty policy.

Abbreviation Explain:

DC/AC = Direct Current / Alternating Current

PV = PhotoVoltaic (Solar power)

BMS = Battery Management System

CS = Charging State

折页示意图

----- 压痕线 (不印刷)

成品尺寸165*140mm，公差+1/-0mm；
材质 157G双铜版纸；
印刷单黑，双面印刷；
要求表面洁净，无刮花，凹凸痕迹，印刷清晰，折边整齐；
所有材质必须符合RoHS要求；

深圳市德兰明海科技有限公司 Shenzhen PowerOak Newener Co.,ltd				
材料		表面处理	见技术说明	无特殊说明，长度单位：mm 未标注尺寸公差按：
型号	PS200A	比例： 1:1 / M	图纸编号/版本 PPS001-6d04A0	见技术说明
名称	英文说明书 (中性)			* 一重要尺寸 0—参照尺寸
设计	审核	批准	物料编号	
杨振华 2021. 07. 09			17. 0303. 0397-00	
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