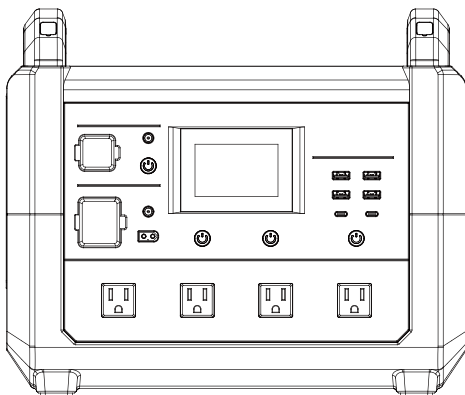







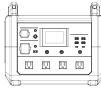
用户手册



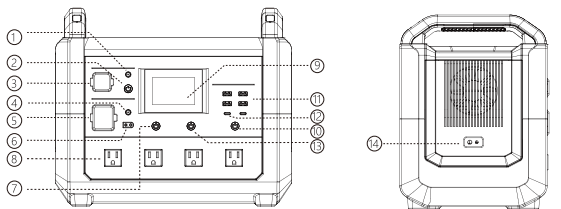
温馨提示：

感谢您购买我们的便携式户外电源。使用前请仔细阅读本说明书，并保存备查。本手册帮助您正确操作本设备，但这并不是软硬件配置的介绍，任何产品配置请参阅相关合同或咨询您的经销商。本手册图片仅供参考，谢谢。





















包装内容

AC充电线束x1	车充电线束x1	Mc4转XT60连接线 (选配) x1	布包x1	用户手册x1	1600 x1
		 (约 2m)			

产品描述



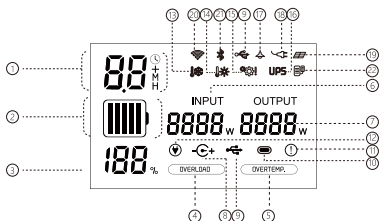
- | | | | |
|----------------|-----------------|-------------------------|---------|
| ① DC 输出端 | ⑤ AC Input Port | ⑨ 液晶显示器 | ⑬ 主电源按钮 |
| ② DC ON/OFF 开关 | ⑥ 太阳能输入端 | ⑩ USB ON/OFF 开关 | ⑭ 接地线 |
| ③ 汽充座 | ⑦ AC ON/OFF 开关 | ⑪ QC USB-A Ports x4 | |
| ④ DC 输入端 | ⑧ AC 输出端 | ⑫ PD100W USB-C Ports x2 | |

US/JP(x4)	   
EU(x4)	   
AU(x4)	   
ZA(x4)	   
UK(x4)	   

规格参数

名称	JP	US	EU/AU/ZA
净重	16kg		
尺寸	370x311.5x235mm		
电池容量	1536Wh (25.6V/60Ah)		
电池类型	LiFePo4		
Inverter Waveform	Pure Sine Wave		
输入			
AC	90-140VAC (50/60Hz) 800W±200W	90-140VAC (50/60Hz) 800W±200W	180-250VAC (50/60Hz) 800W±200W
XT60	11.5V-55V(MaX 550W)		
DC5521	12V/10A,24V/10A(MaX 240W)		
交流输出			
AC Inverter	*4 1600W total		
额定输出电压	100VAC	120VAC	200-240VAC
额定输出频率	50/60Hz	50/60Hz	50/60Hz
峰值功率	2600W	3000W	2600W
额定功率	1600W		
直流输出			
2x USB-C	PD 100W(5V/3A 9V/3A 12V/3A 15V/3A 20V/5A)		
4x USB-A	QC18W(5V3A / 9V2A / 12V1.5A)		
1x Car Socket	13V/10A, Max,130W		Total share 8A Max
1x DC5521	13V/3A, Max,39W		

液晶显示器



显示状态	显示状态效果		操作/指示
剩余时间C指示	①		剩余放电时间 充电时间
电池图标	②		<p>T5~T1: 满格表示当前 SOC 为 81~100%</p> <p>T5~T2: 四格表示当前 SOC 为 61~80%</p> <p>T5~T3: 三格表示当前 SOC 为 41~60%</p> <p>T5~T4: 二格表示当前 SOC 为 21~40%</p> <p>T5: 一格表示当前 SOC 为 0~20%</p> <p>T11: 当 SOC 低于 5%时, 该图标会一直闪烁</p>
电量百分比	③		这个是电量百分比图标, 开机后可以点亮图标(蓝色), 将当前电量用数字直观显示
AC放电过载(含过流)图标	④		AC 放电时过载保护时, 该图标闪烁3次, 同时蜂鸣器响 3 声
AC放电过温(高低温)图标	⑤		AC 放电过温保护时, 该图标闪烁3次, 同时蜂鸣器响 3 声
显示输入状态和功率	⑥		开机可显示“INPUT”, “8888” (蓝色) 实时显示当前的充电功率; “W”表示单位为“瓦特”
显示输出状态和功率	⑦		开机可显示“OUTPUT”, “8888” (蓝色) 实时显示当前的放电功率; “W”表示单位为“瓦特”
DC图标	⑧		在开机的状态下, 单击“DC”按键, 可以点亮图标; 此时DC5521 &点烟器, 可以输出; 没有检测到 DC 负载, 单击“DC”按键即可关闭DC输出,且熄灭该图标
USB图标	⑨		在开机的状态下, 单击“USB”按键, 可以点亮该图标; 没有检测到USB 负载, 单击“USB”按键即可关闭USB输出,且熄灭该图标

Type-c图标	⑩		在开机的状态下，单击“USB”按键，可以点亮该图标；没有检测到USB 负载，单击“USB”按键即可关闭USB输出,且熄灭该图标
告警图标	⑪		USB-A 或 Type-C 或 DC out 触发过流或短路保护时闪烁，同时蜂鸣器响 3 声
AC图标	⑫		在开机的状态下，单击“AC”按键，可以点亮图标；此时可以给 AC 负载放电；两小时内没有检测到 AC 负载，自动关闭AC 的输出,且熄灭该图标
电芯放电低温图标	⑬		电芯低温保护图标，点亮时禁止充放电
电芯放电高温图标	⑭		电芯高温保护图标，点亮时禁止充放电
调试模式图标	⑮		进入调试模式时点亮
UPS图标	⑯		AC 边充边放时点亮
LCD背光常亮图标	⑰		当 LCD 背光进入常亮模式时点亮
AC充电(输入)图标	⑱		市电充电时点亮
PV充电图标	⑲		XT60 接光伏充电时点亮
WIFI图标	⑳		当前版本暂不支持此功能
蓝牙图标	㉑		当前版本暂不支持此功能
扩容图标	㉒		当前版本暂不支持此功能

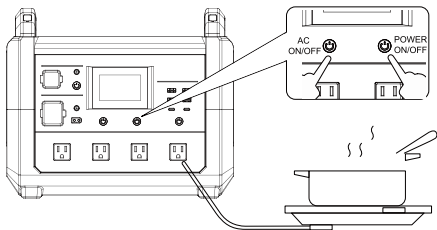
注意：

- 1) 产品开机后，30秒内没有任何操作，屏幕将转为熄屏状态，此时电源指示灯进入“呼吸”模式；
- 2) 熄屏状态，单击任何按键，均可点亮屏幕；
- 3) 开机后，3分钟内无任何操作自动关机；
- 4) AC输出具有自动待机功能，检测到AC接口功率连续2小时小于1W，将自动关机；
- 5) USB-A、USB-C、DC输出无负载时可单击对应开关关闭输出；

如何使用交流输出功能

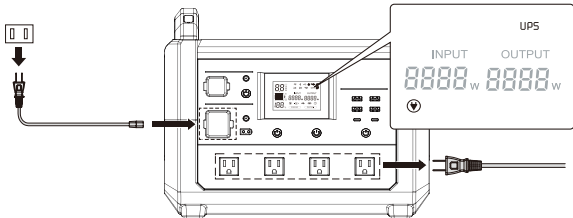
在总功率不超过1600W的情况下，所有交流出口可以同时工作。

- 1) 单击电源按钮即可开机。主电源指示灯及屏幕亮起，进入待机状态。
- 2) 插入交流电器。
- 3) 按AC ON/OFF 开关，打开AC输出功能。产品开始向外置交流电器供电。
- 4) 长时间交流电源 ON/OFF 关闭交流输出。
- 5) 长时间不使用本产品时，请长按电源总开关1S关闭，以省电。



如何使用UPS功能

1. 电网供电模式：交流充电线连接电网和本产品的交流电输入端口；电器可以使用本产品的交流输出端口工作（此时交流电来自电网，而不是电池）
2. 电池供电模式：当电网突然断电后，本产品可以在20ms内自动切换为本产品电池供电模式同时“UPS”图标点亮
3. 当电网与电池供电模式同时进行，优先电网供电模式，剩余能量给电池包补电

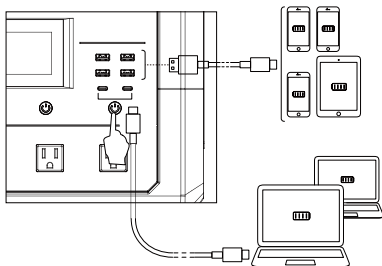


注意:

该功能属非专业级的UPS功能,不支持0ms的切换。请勿接到需要不间断供电要求高的设备上,例如数据服务器和 workstation等,或者请多次测试后确认是否兼容后再使用,且使用过程中建议只使用一台设备,不要同时使用多台设备以免引发本产品过载保护,如果没有按照指示操作造成设备不能正常运行或者数据丢失,本司不承担相应的责任。

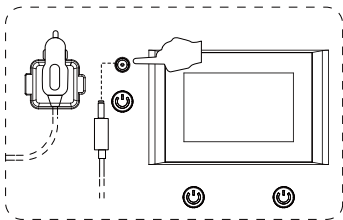
如何使用 USB 输出

- 1) 单击电源按钮即可开机。主电源指示灯及屏幕亮起,进入待机状态。
- 2) 按USB ON/OFF 开关,开启USB功能。
- 3) 插入USB设备,开始使用。



如何使用直流输出

- 1) 只要按下主电源按钮就可以开机。主电源指示灯及屏幕亮起,进入待机状态。
- 2) 接入直流设备。
- 3) 按DC ON/OFF 开关,开启DC功能。
- 4) 使用后,按下直流 ON/OFF 开关,关闭直流输出。
- 5) 长时间不使用本产品时,请长按电源总开关1S关闭,以省电。



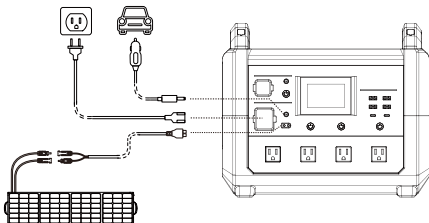
如何充电

> 当电量值低于5%时，建议给1600进行充电（补电）后使用。

> 建议三个月内至少要进行一次充电（充满）操作。

> 本产品共有3个充电接口，如果同时接入充电，AC充电优先级最高，随后是DC5521。

- 1) 超级快速充电：交流输入（交流电源可通过交流充电接口为便携式电站充电，最大功率为900W）。
- 2) 太阳能充电。
- 3) 汽车充电。



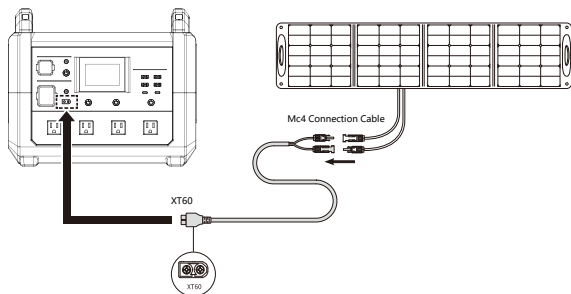
太阳能电池板串联/并联充电

便携式户外电源支持太阳能电池板最大充电500W

您可以购买与便携式户外电源相匹配的太阳能电池板和专用电缆配件，以实现高功率的太阳能快速充电体验。

注意：

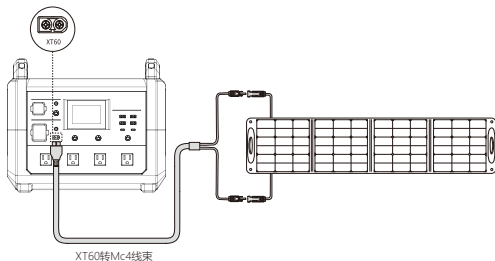
便携式户外电源可支持的太阳能电池板最大电压为55V,最大电流为10A。



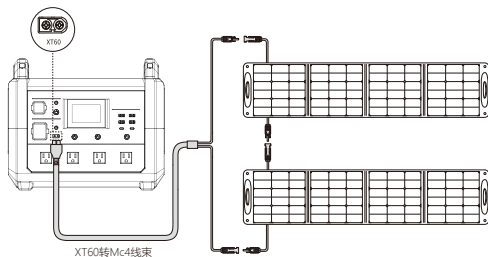
注意：

- 1) 必须使用低于55V的太阳能电池充电。
- 2) 输入电压超过55V有损坏产品的风险。

用户可以按照如图方式连接太阳能板给本产品充电。本产品的直流输入电压范围是11.5V-55V, 最大电流25A, 最大充电功率550W。



- ▲ 1) 连接一个光伏板电压 $\leq 55V$,功率 $\leq 550W$



▲ 2) 串联2个或多个总功率 $\leq 550\text{W}$

常见问题

1) 产品可以带上飞机吗？

不能，因为本产品内置锂电池，根据国际航空运输标准调理，携带锂电池产品不可超过100WH。

2) 产品交流输出能带什么设备？

产品的交流输出端口，可为大多数家用设备供电。我们建议在使用前先确认设备的功率，确保所有负载设备的功率总和较额定功率低。

3) 为什么产品使用时有声音？

产品采用风冷系统，内置风扇可以更好地帮助产品散热从而达到高转换率的效果，使用时有轻微噪音属于正常现象。

4) 产品充电时充电器发热正常吗？

充电时充电器发热属于正常现象，标配的充电器符合国家安全标准。您可放心使用！

5) 如何清洁本产品？

请使用干燥、柔软的干净的布或纸巾对本产品进行擦拭。

6) 如何储存产品？

储存时，请首先将本产品关闭，然后存储在干燥、通风的室温环境的地方。请勿将本产品置于水源附近。长期存储时，建议每三个月对电池进行放电到30%，再充电到60%，以延长本产品使用寿命。

日常使用技巧

1) 本产品采用优质原装锂离子电池，无记忆效应，容量大，经久耐用。但我们还是建议您在 $10^{\circ}\text{C} \sim 30^{\circ}\text{C}$ 范围内使用，以获得最佳充电效果。

2) 充电时，为避免干扰，请远离电视、收音机等设备。

3) 如果设备长时间未使用，请断开电源线并保存。

该设备1600提供24个月的保修期。

注意

- 1) 避免将硬币、首饰、钥匙等金属物品一起存放以免发生短路
- 2) 远离热源，勿丢置于火中水中及其他液体中、高温中，包括太阳直晒。
- 3) 本设备不适用于身体、感官或精神能力下降或缺乏经验和知识的人(包括儿童)，除非由负责其安全的人对其使用设备进行监督或指导。
- 4) 应监督儿童，确保他们不玩电。
- 5) 充电时设备可能会变热，这是正常的。不要用毛巾、衣物或其他物品覆盖设备。
- 6) 请按规定处理废品，不要将内置电池当作生活垃圾处理，以免造成爆炸。
- 7) 本产品仅用于应急储能电源，不能替代家用电器或数码产品的标准直流或交流电源。
- 8) 您的设备内部有不可移动的可充电电池。不要试图取出电池，否则可能会损坏设备。



每三个月充电一次



使用原装认证插线



禁止接触液体



禁止拆卸

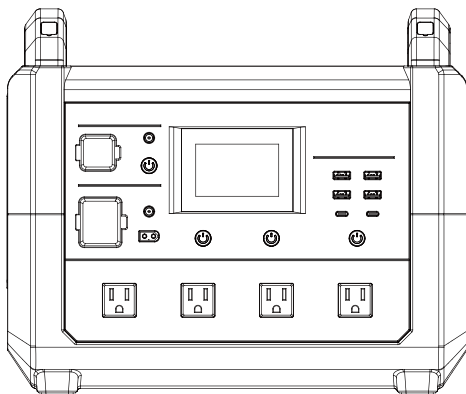


防止掉落



防止高温







User Manual



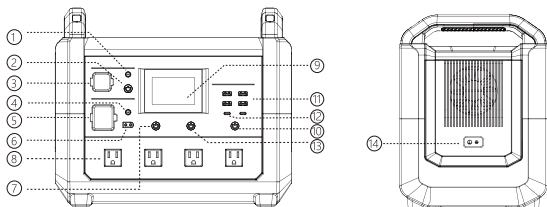
CAUTION!

Thank you for purchasing our energy storage series products. Please read the user's manual carefully before using the product and keep it well. This manual helps you to operate this equipment correctly. But this is not an introduction to hardware and software configuration. For any product configuration, please refer to the relevant contract or consult your dealer. The pictures in this manual are for reference only, thank you.





















PACKAGE CONTENTS

AC charging cable x1	Car charging cable x1	MC4 to XT60 cable(Optional) x1	Bag x1	User Manual x1	1600 x1
		 (About 2m)			

INTRODUCTION



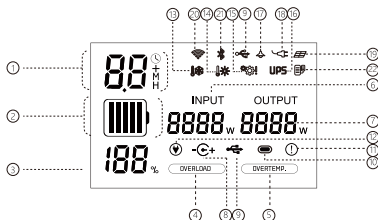
- | | | | |
|--------------------|--------------------|-------------------------|---------------------|
| ① DC Output Port | ⑤ AC Input Port | ⑨ LCD Display | ⑬ Main Power Button |
| ② DC ON/OFF Switch | ⑥ Solar Input Port | ⑩ USB ON/OFF Switch | ⑭ Ground Connection |
| ③ Car Socket | ⑦ AC ON/OFF Switch | ⑪ QC USB-A Ports x4 | |
| ④ DC Input Port | ⑧ AC Output Ports | ⑫ PD100W USB-C Ports x2 | |

US/JP(x4)	   
EU(x4)	   
AU(x4)	   
ZA(x4)	   
UK(x4)	   














SPECIFICATION

Name	JP	US	EU/AU/ZA
N.W net weight	16kg		
size	370x311.5x235mm		
Capacity	1536Wh (25.6V/60Ah)		
Battery Type	LiFePo4		
Inverter Waveform	Pure Sine Wave		
Input			
AC	90-140VAC (50/60Hz) 800W±200W	90-140VAC (50/60Hz) 800W±200W	180-250VAC (50/60Hz) 800W±200W
XT60	11.5V-55V(MaX 550W)		
DC5521	12V/10A,24V/10A(MaX 240W)		
AC Output			
AC Inverter	*4 1600W total		
Rated Output Voltage	100VAC	120VAC	200-240VAC
Rated Output Frequency	50/60Hz	50/60Hz	50/60Hz
Peak Power	2600W	2600W	3000W
Rated Power	1600W		
DC Output			
2x USB-C	PD 100W(5V/3A 9V/3A 12V/3A 15V/3A 20V/5A)		
4x USB-A	QC18W(5V3A / 9V2A / 12V1.5A)		
1x Car Socket	13V/10A, Max,130W		Total share 8A Max
1x DC5521	13V/3A, Max,39W		

LCD DISPLAY



Display Status	Display status effect	Operation / Instruction
Remaining time C indication	①	Remaining discharge charge time
Battery icon	②	<p>T5~T1: full frame indicates that the current power is 81~100%</p> <p>T5~T2: four cells indicate that the current power is 61~80%</p> <p>T5~T3: three cells indicate that the current power is 41~60%</p> <p>T5~T4: two cells indicate that the current power is 21~40%</p> <p>T5: A frame indicates that the current power is 0~20%</p> <p>T11: When the power is lower than 5%, the icon will keep flashing</p>
Percentage of power	③	This is the power percentage icon, you can light up the icon (blue) afterturning on the phone to display the current power in numbers. The current battery level is displayed visually with numbers.
AC discharge overload (including overcurrent) icon	④	When AC discharge overload protection, the icon flashes 3 times and the buzzer sounds 3 times at the same time.
AC discharge overtemperature (including low temperature) icon	⑤	When AC discharge over-temperature protection, the icon flashes 3 times, while the buzzer sounds 3 times.
Display input status Status and power	⑥	Power on can display "INPUT", "8888" (blue) real-time display of the current Charging power; "W" means the unit is "watt"
Display output status Status and power	⑦	OUTPUT" can be displayed at power on, "8888" (blue) shows the current The discharge power; "W" means the unit is "watt"
DC icon	⑧	In the state of power on, click the "DC" button, you can light up the icon; at this time DC5521 & cigarette lighter, can be output; No DC load is detected, click the "DC" button to Turn off the DC output and extinguish the icon.
USB icon	⑨	Click on the "USB" button to light up the icon in the power-on state; No detection USB load is detected, click the "USB" button to turn off the USB output and turn off the icon.

Type-c icons	⑩		Click on the "USB" button to light up the icon in the power-on state; No detection USB load is detected, click the "USB" button to turn off the USB output and turn off the icon.
Alarm icons	⑪		USB-A or Type-C or DC out blinks when overcurrent or short circuit protection is triggered, while Buzzer sounds 3 times.
AC icon	⑫		In the power-on state, click the "AC" button to light up the icon; at this time, you can discharge the AC load; if no AC load is detected within two hours, the AC output will be automatically turned off and the icon will be extinguished.
Low discharge of electric core Temperature icon	⑬		Low temperature protection icon for the battery cell, prohibit charging and discharging when it is lit.
Cell discharge high Temperature icon	⑭		High temperature protection icon for the battery cell, prohibit charging and discharging when it is lit.
Debug mode icon	⑮		Lights up when entering debug mode.
UPS icon	⑯		AC lights up when charging and discharging.
LCD backlight is always on icon	⑰		Illuminates when the LCD backlight enters constant light mode.
AC charging (input) icon	⑱		Light up when charging from the mains.
PV charging icon	⑲		XT60 lights up when connected to PV charging.
WIFI icon	⑳		This feature is not supported in the current version.
Bluetooth icon	㉑		This feature is not supported in the current version.
Expansion icon	㉒		This feature is not supported in the current version.

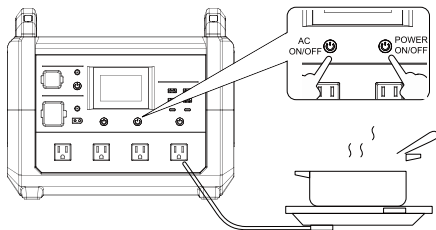
CAUTION

- 1) After the product is turned on, there is no operation within 30 seconds, the screen will turn off, then the power indicator will enter the "breathing" mode;
- 2) Off screen state, click any button to light up the screen;
- 3) Automatic shutdown without any operation within 3 minutes after power on;
- 4) AC output with automatic standby function, detecting that the AC interface power is less than 1W for 2 consecutive hours, it will automatically shut down;
- 5) USB-A, USB-C and DC outputs can be turned off by clicking the corresponding on/off button when there is no load;

HOW TO USE THE AC OUTPUT FUNCTION

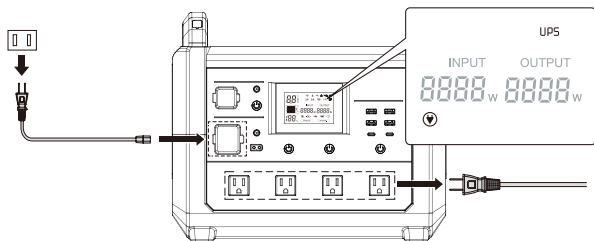
Under the condition that the total power does not exceed 1600W, all AC outlets can work together at the same time.

1. Click the power button to turn on the power. The main power indicator and screen lights up and enters standby mode.
2. Plug in AC appliances.
3. Press the AC ON/OFF switch to turn on the AC output function. The product starts to supply power to external AC appliances.
4. Long press the AC power ON/OFF switch to turn off the AC output.
5. When not using the product for a long time, please long press the main power switch for 1s to turn off to save power.



How TO USE THE UPS FUNCTION

1. Grid-powered mode: AC charging cable connects the grid to the product's AC input port; the appliance can work with the product's AC output port (when the AC power comes from the grid, not from the battery)
2. Battery-powered mode: When the power grid is suddenly cut off, the product can be automatically switched to the battery-powered mode of the product within 20ms while the "UPS" icon lights up.
3. When the grid and battery power supply modes are carried out at the same time, priority is given to the grid power supply mode, and the remaining energy is used to replenish the battery pack.



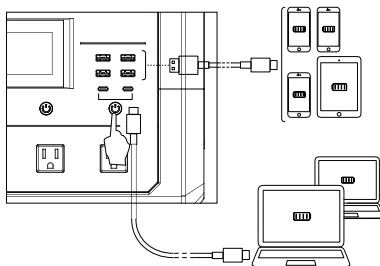
CAUTION

This is a non-professional UPS function and does not support 0ms switching. Please do not connect to equipment that requires high uninterruptible power supply, such as data servers and workstations, or please test several times to confirm compatibility before using, and it is recommended to use only one device, do not use more than one device at the same time in order to avoid overload protection of this product.

If you do not follow the instructions, resulting in equipment can not operate normally or data loss, the Division will not be responsible for the corresponding responsibility.

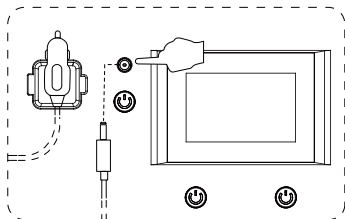
HOW TO USE USB OUTPUT

1. Click the power button to turn on the power. The main power indicator and screen lights up and enters standby mode.
2. Press the USB ON/OFF switch to turn on the USB function.
3. Plug in the USB devices and start to use.



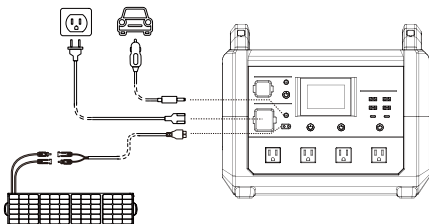
HOW TO USE DC OUTPUT

1. Click the power button to turn on the power. The main power indicator and screen lights up and enters standby mode.
2. Plug in the DC devices.
3. Press the DC ON/OFF switch to turn on the DC function.
4. After use, press the DC ON/OFF switch to turn off the DC output.
5. When not using the product for a long time, please long press the main power switch for 1s to turn off to save power.



HOW TO CHARGE

- > When the power value is below 5%, it is recommended to charge (recharge) the 1600 and then use it.
- > It is recommended that the charging (full) operation be performed at least once in three months.
- > This product has a total of 3 charging ports. If you access charging at the same time, AC charging has the highest priority, followed by DC5521.
 1. Super Quick charging: AC Input (AC power supply can be used to charge Portable Power Station with a maximum power of 900W through the AC charging port.)
 2. Solar charging.
 3. Car charging.

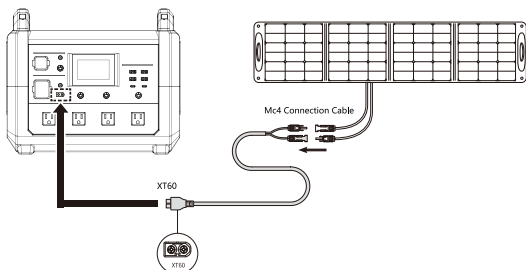


Portable Power Station support Solar Panel charging Max 500W.

You can purchase solar panels and dedicated cable accessories that match the Portable Power Station to achieve a high-power solar fast charging experience.

CAUTION

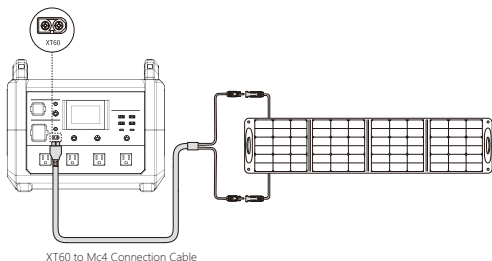
The maximum voltage of solar panels that Portable Power Station can support is 55V, and the maximum current is 10A.



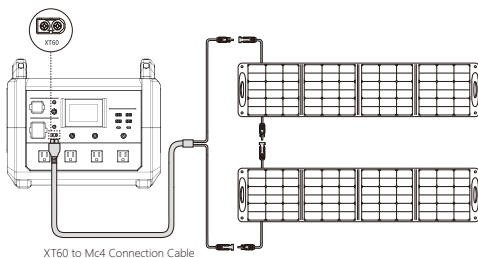
ATTENTION:

- It must be charged by solar panels with a voltage lower than 55 V.
- The input voltage exceeding 55 V has the risk of damaging the product.

Users can connect the solar panel as shown to charge this product. The DC input voltage range of this product is 11.5V-55V. Maximum current is 25A, maximum charging power is 550W.



- ▲ 1) Connect a photovoltaic panel voltage $\leq 55V$, power $\leq 550W$



- ▲ 2) Series connection of 2 or more total power $\leq 550W$

FAQS

1. Can the product be taken on the plane?

No, because this product is a products with battery, according to international air transportation standards and regulations, battery capacity products cannot exceed 100Wh.

2. The consumers' power is within the rated output power range of the Portable Power Station but cannot be used ?

Because the product has a low power, it needs to be fully recharged and used again.

3. Why is there a noise sometimes.

Because this product uses an air-cooled system, the built-in fan can better help the product to dissipate heat, so it is normal for a slight noise to occur.

4. How do I store the product when it's not in use?

The portable power station needs to be stored in a dry environment, and the correct storage method can prolong the service life of the portable power station.

5. How do I clean the product if it is dirty?

Please use a dry non-abrasive cloth to wipe. Do not wipe directly with a wet cloth or chemical solvent. If you want to wipe it more cleanly, we recommend that you use a cotton swab with a small amount of absolute alcohol to wipe. Do not expose the product to large amounts of water.

DAILY USAGE TIPS

1. This product uses high-quality original lithium-ion batteries, no memory effect, large capacity, and durable. Recommended to use it within the range of 10°C-30°C to get the best charging performance.
2. Please stay away from TV, radio and other equipment to avoid interference when charging.
3. Please disconnect the power cord and keep it if not to use this device for long time

WARRANTY

This device 1600 provides an 24-months.

CAUTION

- 1) Do Not store this device together with coins, jewelry, keys and other metal objects to avoid short circuit.
- 2) Keep away from heat, don't throw it in fire water or other liquids, high temperature, including direct sunlight.
- 3) This equipment is not suitable for people with reduced physical, sensory or mental abilities or lack of experience and knowledge (including children), unless the person responsible for their safety supervises or guides their use of the equipment.
- 4) Children should be supervised and guided if to use this device, to avoid any safety issues.
- 5) The device may become hot while charging, which is normal. Do not cover the device with towels, clothing or other items.
- 6) Please dispose of the waste according to the regulations, and do not dispose of the built-in battery as domestic garbage to avoid explosion.

- 7) This product is only used for emergency energy storage power supplies, and cannot replace standard DC or AC power supplies for household appliances or digital products.
- 8) There is a non-removable rechargeable battery inside your device. Do not try to remove the battery, otherwise the device may be damaged.



Recharge device every 3 months



Use original certified cable



No contact with liquids



Do not disassemble



Prevent from falling



Prevent from high temperature