

便携式储能电源

使用说明书

Portable Power Station Operating instruction

型号Model no. :AS1000 LFP



(本产品外观，颜色，图案以实物为准)

(The appearance, color and design of the product shall be subject to the real thing)

- 使用前请仔细阅读本说明书
- 本公司保留说明书解释权
- 产品外观请以实物为准
- 如遇产品技术升级，恕不另行通知
- Please read this instruction carefully before use
- The company reserves the right to interpret the specification
- The appearance of the product shall be in kind

- In case of product technology upgrade, we will not notice

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一、产品特点(Productfeatures)

1. 时尚造型设计，外观精美便于携带。
2. 重量轻、体积小、容量高，采用优质的动力锂离子电池。
3. 支持直流 USB2.0 USB3.0 PD60W DC 12V 10A 5V 输出，交流 100V/110V/220V/230V 输出, 可根据各国用电需求设计输出插孔类型。
4. 八大保护功能（过流保护、过压保护、欠压保护、过功率保护、过放保护、过充保护、过温保护、短路保护），使用更安全。
5. 三种充电模式，市电、太阳能和车载充电。
6. 支持边充边放，用途广泛，既可作在线 UPS 电源使用，又可以当做户外应急备用电源使用，满足室内医疗设备、小型打印机、各种灯具，小型鱼缸加热器、笔记本和户外露营、摄影、消防应急、抢险救灾等场合需要提供照明和交流电源时使用。

1. Fashion design, exquisite appearance and easy to carry.
2. Light weight, small size, high capacity, using high-quality power lithium-ion battery.
3. Support DC USB2.0 USB3.0 PD60W DC 12V 10A 5V output, AC 100V/110V/220V/230V output, the output jack type can be designed according to the electricity demand of various countries.
4. Eight protection functions (over current protection, over voltage protection, under voltage protection, over power protection, over discharge protection, over charge protection, over temperature protection, short circuit protection), safer to use.
5. Three charging modes, mains, solar and vehicle charging.
6. It supports charging and discharging at the same time. It has a wide range of uses. It can be used as an online UPS power supply or as an outdoor emergency backup power supply. It can meet indoor medical equipment, small printers, various lamps, small fish tank heaters, notebooks, and outdoor camping. It is used when lighting and AC power supply are required in occasions such as photography, fire emergency, emergency rescue and disaster relief.

二、面板功能说明(Panel function description)

1.前面板功能说明(Front panel function description)



三、使用方法(Usage)

1、打开交流电源：（1）单击电源总开关1号按键 （2）单击AC开关3号按键 （3）交流电开始工作。

2、打开直流电源：（1）单击电源总开关1号按键 （2）单击DC开关6号按键 （3）直流电开始工作。直流电包括点烟器、DC5525、USB、PD

3、LED灯开启：（1）单击电源总开关1号按键 （2）长按LED灯开关9号按键3秒钟 （3）LED灯开启 （4）单击LED灯开关9号按键，爆闪模式开启 （5）单击LED灯开关9号按键，SOS模式开启 （6）单击LED灯开关9号按键，LED灯关闭

1. Turn on the AC power supply: (1) Click the No. 1 button of the main power switch (2) Click the No. 3 button of the AC switch (3) AC power starts to work.
2. Turn on the DC power supply: (1) Click the No. 1 button of the main power switch (2) Click the No. 6 button of the DC switch (3) Start the DC power supply. Direct current includes cigarette lighter, DC5525, USB, PD
3. Turn on the LED light: (1) Click the No. 1 button of the main power switch (2) Long press the No. 9 button of the LED light switch for 3 seconds
(3) Turn on the LED light (4) Click the No. 9 button of the LED light switch to turn on the burst mode (5) Click the No. 9 button of the LED light switch to turn on the SOS mode (6) Click the No. 9 button of the LED light switch, LED Lights off

四、充电说明(Charging instructions)

本产品可以用三种模式充电，电压从29.4V-40V，功率限制不超过600W，电流不能大于15A。同一充电接口DC 6030。建议使用我司专用适配器，使用其他充电器会把产品充坏。

一、市电充：将充电器插到市电上，将DC 6030公头，插入便携式储能电源产品上的DC6030母头，即可充电。

二、太阳能板充电：请选用36V 100W 或者36V 200W太阳能板，开路电压40V。将太阳能板面对太阳，然后将太阳能板安德森公头，插入便携式储能电源产品上的安德森母头，即可充电。

三、车载充电：12V转29.4V车载充电器可以给该产品充电。请使用配备的车载充电器。

当该产品在充电时，LCD屏会显示实时功率，充电时间。当充满电，充电器会自动停止充电。LCD屏自动息屏。

This product can be charged in three modes, the voltage ranges from 29.4V-40V, the power limit does not exceed 600W, and the current cannot exceed 15A. The same charging interface DC 6030. It is recommended to use our special adapter, using other chargers will damage the product.

1. Mains charging: Plug the charger into the mains, plug the DC 6030 male plug into the DC6030 female plug on the portable energy storage power supply product to charge.

2. Solar panel charging: Please choose 36V 100W or 36V 200W solar panel with an open circuit voltage of 40V. Face the solar panel to the sun, and then insert the Anderson male connector of the solar panel into the Anderson female connector on the portable energy storage power supply product to charge.

3. Car charging: 12V to 29.4V car charger can charge the product. Please use the provided car charger.

When the product is charging, the LCD screen will display real-time power and charging time. When fully charged, the charger will automatically stop charging. The LCD screen stops automatically.

五、主要技术参数表(Table of maintechnical parameters)

主要参数表(Main Parameters table)

产品型号 (Product model)	AS1000 LFP
输出波形 (Output waveform)	纯正弦波 (Pure sine wave)
输出功率 (The output power)	额定1000W 峰值功率2000W (Rated 1000W Peak power 2000W)
输出电压 (The output voltage)	AC100V - 240V
输出频率 (The output frequency)	50 hz 或 60 hz (50 hz or 60hz)
内置电池组类型 (Built-in battery pack type)	磷酸铁锂 (LFP)
内置锂电池组容量 (Built-in lithium battery pack capacity)	25.6 V 42AH 1075.2 WH
电源自耗电电流 (Battery self - consuming current)	$\leq 500\mu\text{A}$
AC 输入电压范围 (AC input voltage range)	AC90V-140V 50HZ 或 AC180-265V50/60HZ (Ac90v-140v 50HZ or AC180-265V 50/60Hz)
内置转换器空载电流 (Built-in converter has no load current)	$\leq 0.05\text{A}$
内置转换器欠压保护 (Built-in converter undervoltage protection)	$\leq 19.6\text{V}$
内置转换器温度保护 (Built-in converter temperature protection)	$\leq 85^{\circ}\text{C}$
智能电源管理系统	BMS
材质	VO级ABS防火材料
工作温度	$0^{\circ}\text{C} \sim 60^{\circ}\text{C}$

内置转换器过载保护 (Built-in converter overload protection)	$\geq 2000W$
内置转换器转换效率 (Built-in converter conversion efficiency)	$\geq 90\%$
充电保护板电流 (Built-in charger charging current)	$15A \pm 0.5A$
内置电池保护板过放保护 (Built-in battery protection board overrelease protection)	$20.8V \pm 0.2V$
内置电池保护板过充保护 (Built-in battery protection board overcharge protection)	$25.6V \pm 0.1V$
12V 直流输出口规格 (12V DC output specification)	12V/10A (MAX 130W)
USB 直流输出口规格 (USB DC output specification)	5 V 2.1 A/9V 2A, 12V 1.5A, PD60W
AC 充满电电池电压 (AC fully charged battery voltage)	$25.6V \pm 0.1V$
AC 充电时间 (AC charging time)	$\leq 10H$
太阳能电池板选配规格 (Solar panel optional specifications)	36V 100-200W 转换效率 $\geq 18\%$ (Conversion efficiency of 36V 100-200W $\geq 18\%$)
太阳能充满电池电压 (Solar energy full battery voltage)	$36V \pm 0.3V$

LED 照明灯功率 (LED lighting power)	3W 3W
产品重量 (The product weight)	13 kg
产品尺寸 (Product size) (L * W * H)	产品尺寸: L360*W215*H300mm
颜色 (color)	黑色 (black) + 橙红色 (Orange red)

六、产品包装及尺寸

内箱包装



外箱包装



标准配件

充电器 一个

说明书 一本

七、产品应用领域(Product application area)





推荐使用领域

更多领域 轻松应对
(More areas to deal with easily)



(The army emergency)

(Mining lighting)

(Disaster relief emergency)

八、注意事项(Precautions)

- 1 本产品内含锂电池组，注意远离火源，如不使用时请将本产品进行特殊处理，不能随意丢弃。
- 2 不能在潮湿的环境或水中使用本产品，注意防潮，请在通风干燥的环境下使用。
- 3 使用本产品要轻拿轻放，不能跌落，敲打或用利器。
- 4 发现机器在使用过程中有异响，冒烟甚至起火等现象，请立即停止使用并关掉所有开关，以免发生爆炸。
- 5 使用本产品时，应在通风良好的环境下使用，这样不易造成使用过程中过热而导致的提前过热保护。
- 6 使用本产品供电时，应注意先开机，再选择使用交流或者直流，确认有输出，相应 LED显示灯亮后再使用。
- 7 初次使用本产品时，应将内部电池电量放完后，再重新充电使用。
- 8 本产品长期不使用时，应在三个月内充电一次，这样能保证电池组的使用寿命。

1.This product contains lithium battery pack, pay attention to keep away from the fire source, if not used, please carry out special treatment of this product, can not be discarded atwill.

2.Do not use in damp environment or water, please pay attention to moisture, please use in ventilated dryenvironment.

3.Use this product should be handled gently, do not drop, knock or use sharpobjects.

4.If you find that the machine has abnormal sound, smoke or even fire in the process of using, please stop using it immediately and turn off all switches to avoidexplosion.

5.When using this product, it should be used in a well-ventilated environment, so that it is not easy to cause overheat protection in advance during these.

6.When using this product for power supply, it should be noted that the power should be turned on first, then ac or DC should be selected, and the output should be confirmed. The corresponding LED display lamp should be lit beforeuse.

7.When using this product for the first time, the internal battery should be drained and then recharged for use.

8.When the product is not used for a long time, it should be charged once within three months, so as to ensure the service life of the batterypack

九、维修与服务 (Maintenance

and

Service)

常见故障 Common faults	原因分析 Cause analysis	处理方法 Processing method

