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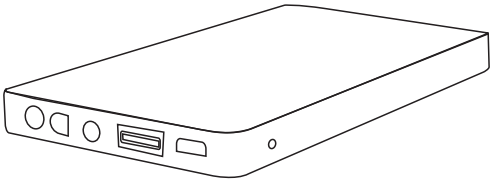
应急电源使用手册



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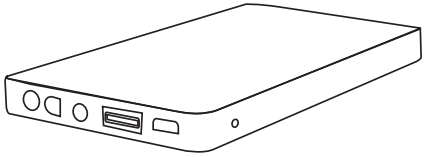
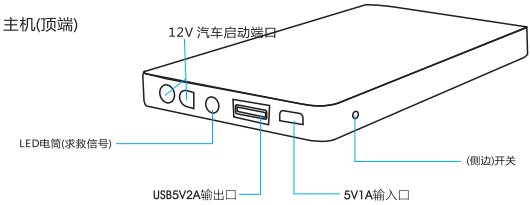
移动电源

多功能汽车应急启动电源说明书



感谢您选购我们的多功能汽车
应急启动电源，在使用多功能汽车应急启动电源之前，请您认真地阅读说明书的内容。这本说明书具有产品详细的介绍，包括：产品参数、功能、使用方法、安全警告和其他附加信息。

A 产品部位分析图:



*以实际产品颜色为主

B 配件:

*以实物产品配件为主

1.智能点火线功能（以下简称智能线）：

步骤		现象	表示意义	操作
1	智能线插上应急电源	红灯长亮	检测到电源电压不合适点火	检查应急电源，充电或更换。
		红绿灯交替闪亮	检测到电源电压合适点火	可以开始点火动作，进入下面（2）.
2	智能线夹子端接上汽车电瓶	红灯闪亮，蜂鸣器急促短响	温度过高，可能夹子连续使用时间太长。	智能线脱离汽车电瓶，同时智能线脱离应急电源，回到上面(1).
		红灯闪亮，蜂鸣器1长2短鸣响	短路！可能夹子正负极接反！	
		红灯闪亮，蜂鸣器长响	反接！夹子正负极接反！	
		红绿灯交替闪亮，1S后转成绿灯长亮	智能线夹和汽车电瓶连接正常！	可以扭动点火钥匙点火.
3	绿灯长亮后	红绿灯一起长亮	30s 内没有点火，本次工作结束.	如要重新工作则要拔出电源重插一次，才可以进入下一次工作状态。
4	扭动点火钥匙后	红绿灯一起长亮	汽车启动电流大过本应急电源额定电流	更换其它型号应急电源。
		红灯闪亮，蜂鸣器连续短响	汽车启动，车载发电机发电. 点火工作顺利完成.	

C 指示灯说明:

请轻触开关按键，电量指示灯如下：

电量指示灯	不亮	全闪	亮1个	亮2个	亮3个	亮4个
产品电量	0%	10%	25%	50%	75%	100%

给出产品主机充电过程中，电量指示灯循环闪亮。长亮的指示灯数量代表产品主机的实际电量。四颗指示灯全亮，表示充电暂停或结束。

D LED灯不同模式:

长按开关按键3秒启动LED灯照明功能。随后短按开关按键，依次为：强光 → 爆闪 → SOS → 关闭。

E 给12V汽车启动步骤:

1. 确认主机电量指示灯在3颗以及3颗以上；
2. 将红色夹子充分夹紧电瓶的正（＋）极，黑色夹子夹紧充分 夹紧电瓶的负（－）极；
3. 将电瓶线接头充分插入主机的汽车接口；
4. 汽车点火开关旋至启动(START)位置；
5. 汽车启动后，立即拔掉插头；
6. 取下电瓶夹夹子。

⚠ 注意事项：禁止让电瓶夹相互触碰或与其他金属触碰

F 正确取下电瓶夹的使用方法:

从主机取下电瓶夹接口时，首先，用右手握住主机，食指固定主机的顶端；其次，用左手握 着电瓶夹接口并用拇指压住线。最后，取下电瓶夹。操作示范如图所示。

G 操作说明:

(1)给产品主机充电

将家用充电器的插头插入产品主机5V输入口。

(2)给手机、电子产品充电

移动电源具有充不同品牌的手机和电子产品的USB数据线连接口，可充 Iphone、Ipad、其他不同品牌的手机，平板和其他DC 5V 电子产品。

(3)充电步骤：

1. 请确定移动设备是5V 输出端口；
2. 用USB数据线连接主机端口，再连接另外一端合适的移动电子 产品的充电接头；
3. 插上充电接口后，鹰启动开关，在电量指示灯亮的状态下，才 可以给电子产品充电。

(4)给主机充电

仅使用适合充移动电源的AC 充电器或DC充电器

⚠ 注意事项：禁止任何不适合充电的充电器给移动电源充电，会减少主机的使用寿命，甚至损害主机

E 技术规格:

尺寸：145*77*15mm
容量：8000mAh
重量：240g
输出：5V/2A(数据线输出端口)，12V/10A(汽车启动端口)
输入：5V/1A
汽车启动电流：300A (峰值电流)

疑问解答

问：此款应急电源的主要功能是？

答：此款小巧精致的的应急电源，电力十足可以给各类品牌手机充电，PSP,MP3/MP4,蓝牙耳机，GPS导航设备和其他直流电5v的电子设备。次款应急电源配备4种LED照明模式。最重要的功能是能够成功启动汽车至少10次以上。

问：如何启动和关闭LED灯？

答：长按 开关（侧边）三秒，启动LED 灯。随后轻按开关（侧边）启动闪光灯(爆闪),再按一次按键转化为sos模式（发送SOS求救信号），再按一次关闭。
（开 → 爆闪 → SOS → 关）

问：如何关闭移动电源

答：产品有智能检测功能，一旦没有负载，或者电子产品充电结束，移动电源会自动休眠，保存电量，以免流失。

问：正负接反会损害汽车么

答：不会，我公司移动电源配备智能安全检测系统，预防操作者错误地连接红电瓶夹到“—”极，黑电瓶夹连接“+”极去启动汽车。这种情况下移动电源内部的保险丝会立刻自动切断电流，预防危及操作者及车辆。

问：操作前有什么小提示么

答：假如不能立刻启动汽车，再次启动前请稍等至少10秒。并且我们衷心建议您每2~3年更换一次电池。

问：主机给手机充电需要多久

答：大概一个小时，因其输出电流达到2安，所以比原厂配备的充电器充电更快捷。

问：主机能启动汽车多少次

答：满电情况下，起码10次以上。

问：主机能存放多久

答：主机电路设计很科学，不使用可以存放3-6个月，但为了延长 使用寿命，建议每六个月充电一次。

⚠安全警示

不按照安全警示可能会导致着火，触电或危及您的爱车
1. 请勿投扔或重击产品
   请勿改造或拆卸电池
   请勿将产品置于水火中或高温处
   请使用指定的AC/DC插头
   假如产品变形，请立刻停止使用
2. 请勿让儿童接触产品，移动电源不是儿童玩具。
   安全防范意识薄弱和不具备正常行事能力的人群应该在合法监
   护人地监督和指导下使用本产品
3. 请勿对夹两端电瓶夹或者夹于同一片金属物上，否则可能引发安全
   事故

疑问解答

现象	原因	操作
充电过程中4颗指示灯全亮却未充饱电	4 颗指示灯全亮表示充电停止，该情况为半充电状态，有利于主机长期不使用长期存放	拔出充电插头，然后重新插入
轻触按键，主机没有任何反应	由于主机电压过低，低压保护功能启动，切断电路	将USB数据线插入Micro输入口充电激活

产品中有毒有害物质或元素的名称及含量

有毒有害物质或元素					
铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
0	0	0	0	0	0
0：表示该有害物质在该部件所有均质材料中的含量均在2002/95/EC(ROHS)标准规定的限量要求以下					

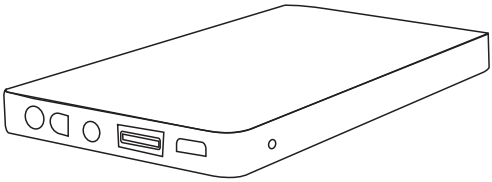
- 移动电源不可以在浴室等潮湿或可能接触到水的地方使用
- 请勿改造或者拆卸电池
- 请勿让幼儿接触产品
- 请勿将产品置于火中或高温处
- 请勿反向连接输入或输出
- 请使用移动电源指定的插头
- 充电时温度范围保持在指定的-40°~80°之间
- 请勿投扔或重击产品
- 充电时如有异常或故障，请联络您的经销商
- 如产品的液体溅入眼睛，不可揉搓眼睛，马上用清水冲洗并 请示医生
- 如产品的液体溅入眼睛，请立刻用肥皂和清水洗净
- 在充电时，请勿吸烟或者将产品放在易燃易爆物质上

Overcharge and Overdischarge Protection

Fuse Protection

Against-reverse Plug

The User Manual of Jump Starter



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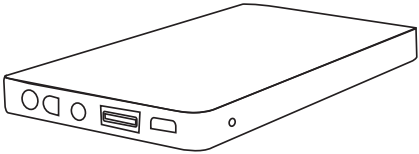
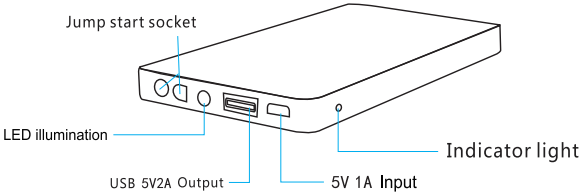
USER MANUAL



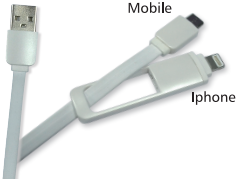
Thank you for choosing the Jump Starter! Always follow basic safety precautions when using electrical appliances. Read all instructions carefully, Please keep this instruction manual for easy reference.

A.PRODUCT LAYOUT:



* Actual product may be other colors.

B.ACCESSORIES:



Smart point firewire

* Actual product may be other colors.

1. Smart Ignition Lead Feature

steps		status	indication	operation
1	connect smart lead to emergency power supply	Red light is solid	Voltage of power supply is not able to ignite	Charge or change power supply
		Red light and green light flash alternatively	Voltage of power supply is able to ignite.	Begin to ignite in step 2
2	Connect clamp of smart line to battery	Red light is flashing and buzzer is ringing hurriedly	Temperature is too high Maybe clamp is connected for too long	Smart lead disconnects from battery and power supply Go back to step 1
		Red light is flashing and buzzer is making a longer sound, and then two shorter sounds	Short circuit! Positive and negative terminal of clamp may be connected in the contrary	
		Red light is flashing and buzzer keeps ringing	Positive and negative terminal of clamp may be connected in the contrary	
		Red light and green light flash alternatively Green light is solid one second later	Smart lead connects to battery successfully	Twist ignition key to ignite
3	Green light is solid for a while	Green and red light are solid	Ignition doesn't happen in 30 seconds, This time fails	Unplug and plug power supply again to try another time
4	Twist ignition key	Both green and red light are solid	Start-up current of car exceeds current of emergency power supply	Change other model of emergency power supply
		Red light is flashing and buzzer keeps making a short sound	Car is starting up Alternator is generating and ignition succeeds	

C OPERATION GUIDANCE
Indicator Lights

Press the switch button to check the capacity of Jump Starter

Indicator lights	1Flashing	Full Flashing	1 solid	2 solid	3 solid	4 solid
Battery capacity	0%	10%	25%	50%	75%	100%

When charging, indicator lights will flash one by one. The number of solid indicator lights indicates the battery capacity of Jump Starter. Full Indicator lights are solid when charging is pause or complete

D LED illumination

Press the switch button 3 seconds to start the LED illumination and then 4 modes of LED light appear In sequence (normal,strobe, SOS, off) If you press lightly.

E For jump start of 12V vehicle

1. Make sure that the number of Indicator light Is not less than 3.
2. Connect the red battery clamp of jumper cable to the vehicle's positive (+) battery terminal and connect the black battery clamp of jumper cable to the vehicle's negative (-) battery terminal.
3. Plug the cord of jumper cable into the jump start socket.
4. Start the vehicle
5. When the vehicle starts remove jumper cable from Jump Starter and disconnect red and black clamps to the vehicle battery terminals within 30 seconds
6. Leave the vehicle's engine running

⚠ Never allow clamps totouch each other or to contact the same piece of metal to prevent sparking.

F The right to remove battery terminal

When you do the operation of pulling out the jumper cable from the main unit. Please use your finger to hold and push the main unit as shown on right picture to the opposite direction to help you put out the jump cable.

G OPERATION GUIDANCE

Charging for Jump Starter itself:

Connect 5V input port of Jump Starter .

Charging Procedures

1.Make sure the mobile electronic device is 5V powered.
2.Connect the USB charging cable to the USB Power Port on the Power Bank.
3.Choose the proper charger connector head for the mobile electronic device and plug it into the mobile electronic device charging port.
4.Press the Power Button start to charge the mobile electronic device.

Charge movile electronic devices

The power bank affers an USB charging cable with different types of charger connector heada for IPhone,iPad,IPod,other brands mobile ,tablets,and other DC 5V powered electriance devices

⚠Any other chargers will shorten the product service life of the demage the Jump Starter.

H TECHNICAL SPECIFICATIONS :

Size : 145*77*15㎜
Capacity : 8000mAh
Weight : 240g
Output : 5V/2A (Micro 12V 1A Input) , 12V/10A(Jump start socket)
Input : 5V/1A
Starting current: 300A (Peaking current)

I.FAQ :

Q. How to turn off this appliance ?
A. This appliance will power off automatically when no load or charging is complete
Q. How many times can it fully charge for mobilephone?
A. Take Iphone 4 as sample,it can be fully charged for 3 times.
Q. How long will this appliance take to charge my mobile phone full?
A. Approx 1 hour.
Q. How many times can this appliance on a full charge to start the vehicle?
A. Approx. 20 times.
Q. How long will the power of battery of this appliance rem in?
A. 6-12 months, however, we suggest you recharge it each 3 months.

Warning:

1. Do make the blue plug into the Jump starter socket tightly when Jump start the vehicle.If not ,it can't Jump start the vehicle,and even make the Joint melt.
2. Do check whether the battery clamps well connected;battery connector rusted,dirty if the vehicle can not be started.Jump start again after cleaning. Do not continue to jump start if 3 times not successfully.If not,it will damage the product.Do check the vehicle for other reasons.
3. Do remove the product from the vehicle within 30s after the vehicle started. If not, it may lead dangerous!
4. Do not connect the two clamps. If not, it may lead dangerous.
5. Do not decompose product. If not, it may lead dangerous.

⚠ WARRANTY INFORMATION:

1.We offer a limited warranty for this product against any defects in material and workmanship for a period of 6 months from the date of purchase by the end user/consumer. The conditions of the warranty are as follows:
2.The warranty is only valid upon presentation of the original receipt (from dealer/retailer) by the original purchaser with the product to be repaired or replaced
3.The warranty is void if the serial number, date of purchase and label has been removed
4.The warranty does not cover damage or product failure resulting from normal wear and tear, physical abuse, improper installation, misuse, modification or repairs by unauthorized third parties
5.We do not assume responsibility for any loss or damage incurred during shipment or as a result of a force majeure
6.We are not liable for any incidental or consequential damages arising from the use or misuse of this product
7.All warranty claims are limited to repair or replacement of the defective product and at the sole discretion of us
8.If we repair or replace the product, the product will be covered for the remaining time of the original warranty period. Repair or replacement may involve the use of reconditioned units which are equivalent in function. Replaced part or product becomes the property of us
9.Consumable components such as batteries are not covered by the warranty

••

TROUBLE SHOOTING:

Finding	Cause	Remedies
No response when I press the switch button.	Low voltage protection of Jump Starter is started.	Plug the adaptor into the 12V 1A input port to activate.
No response while pressing the power Button on the power Bank	The Low Voltage Protachon's acirntod and electronc arcuit has been cut off.	Plug the adapter into the Re-changing Port DC 15V input port to activate the electronic circuil

TOXIC AND HARMFUL SUBSTANCES:

Composition and amount of toxic and harmful substances in Jump Starter					
Pb	Hg	Cd	Cr(Vi)	PBB	PBDE
0	0	0	0	0	0

0 :Indicate all homogeneous materials' hazardous substances content are below the MCV limit specified in the Standard 2002/95/EC (RoHs).

- Always take care when using the appliance.
- This appliance is not intended for use by young or infirm persons without supervision.
- Do not use as a toy.
- Do not allow the appliance to become wet.
  Do not immerse the appliance in water.
- Do not operate the appliance in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- Do not modify or disassemble Jump Starter. Only a repair technician may repair this unit.
- Do not expose the appliance to heat.
  Do not store in locations where the temperature may exceed 70 °C.
- Charge only at ambient temperatures between-40°C and 80°C.
  Charge only using the charger provided with the appliance.
- Under extreme conditions, battery leakage may occur. Carefully wipe the liquid off using a cloth and avoid skin contact when you notice liquid on the batteries. In case of skin or eye contact, rinse immediately with clean water and seek medical attention.
- At the end of their useful life, discard the appliance with due care for our environment.