

**128G双面铜版纸,骑马钉印刷,英文在前,  
中文在后,单页尺寸85\*125mm  
料号:6.1.04006.007.02**

# User Manual

## Jump Starter

Model: CJ06

(Please read the product manual in detail before use, incorrect operation will damage this device or vehicle electronic devices, and lose related free warranty service)

### Application:

- Emergency start of cars/motorcycles

  - Supports gasoline vehicles with a displacement of 6.0L or less and a 12V battery

  - Supports diesel vehicles with a displacement of 3.0L or less and a 12V battery

- Charge digital devices such as mobile phones, IPADs, etc

- \* This product is not suitable for vehicles with ultra-high compression ratios within the specified displacement. In addition, due to different displacements and battery terminals being dirty, corroded, oxidized, the actual start effect will be affected.
- \* This product has forward and reverse 18W fast charge function. When using the fast charge function, please adapt to the charger with fast charge function and charging cable.

# I. Specifications

Size	167mm × 82mm × 29mm/6.57in × 3.23in × 1.14in
Weight	448g/15.8oz
Capacity	8000mAh
Output	USB-C Input(PD): 5V/3A 9V/2A 12V/1.5A
Input	USB-C Output(PD): 5V/3A 9V/2A 12V/1.5A
Starting Current	350A
Peak Starting Current	450A
Charging Time	18W fast charge takes about 2 hours to fully charge; 5V/2A takes about 3.5 hours to fully charge
Operating Temperature Range	-20°C — +45°C / -4°F — 113°F
Storage Temperature Range	-20°C — +45°C / -4°F — 113°F
Dustproof and Waterproof Level	IP65



IP65 Dustproof and waterproof



Battery Connection Anti-spark



PD Bidirectional Fast Charge



Over-temperature Protection



Overcharge Protection



Anti-reverse Connection Protection



Overcurrent Protection



Anti-reverse Charge Protection



Over-discharge Protection



Battery Balance Charging Management



Intelligent Sleep



Low Power Consumption



LI ION

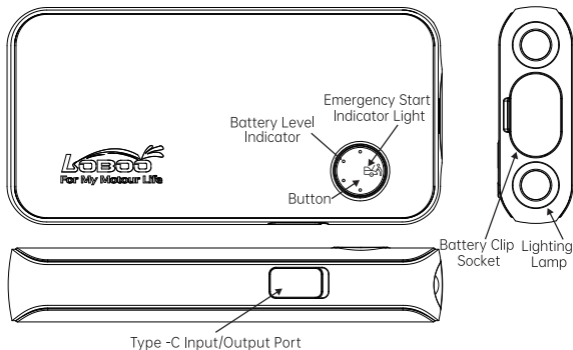


Implementation Standard: GB/T 35590 - 2017

## II. Accessories List

Serial Number	Part Name	Quantity
1	Jump Starter	1
2	Battery Clip	1
3	Type-C Charging Cable	1
4	User Manual	1
5	Certificate of Conformity	1

## III. Product Diagram



## IV. Instructions for Use

### 1. Indicator Light

#### 1.1 Battery Level Indicator

1.1.1 To check the battery level, press the button once, and the battery level will be displayed as follows:

Battery Level Indicator	Not lit	✱	✱✱	✱✱✱	✱✱✱✱
Battery Level	0%	0% - 25%	25% - 50%	50% - 75%	75% - 100%

1.1.2 When charging this product, the battery level indicator will flash. When fully charged, all four battery level indicators will stay lit and stop flashing.

1.1.3 Charging alarm, all four battery level indicators flash.

#### 1.2 Emergency Start Indicator Light

1.2.1 Please ensure that this product has at least three battery level indicator lights on (more than 50% battery) before using the emergency start function.

1.2.2 Emergency start function is on: The emergency start indicator light flashes green slowly.

1.2.3 Relay is closed: The emergency start indicator light stays green.

1.2.4 Battery clip is reversed (positive and negative poles are reversed): The emergency start indicator light flashes red slowly.

1.2.5 If the battery or circuit is damaged, or if the vehicle lights, air conditioning, audio and other electrical equipment are not turned off, the emergency start indicator light will flash green and red alternately.

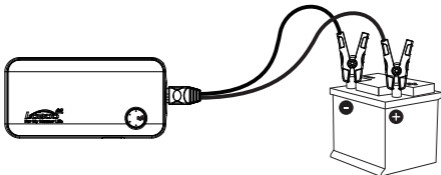
## 2. Operation Instructions

### 2.1 Using the Emergency Start Function

2.1.1 Turn off the vehicle' s electrical equipment, such as lights, air conditioning, audio, etc.

2.1.2 Insert the terminal of the battery clip into the start power port.

- 2.1.3 Correctly connect the positive and negative poles of the battery clip to the vehicle battery
- Red clip ---- Positive pole of the battery (+)  
Black clip ---- Negative pole of the battery (-)



- 2.1.4 Normal Emergency Start (The battery voltage is low, but the voltage is above 2V, this product can automatically recognize and start the emergency start function)

Press and hold the power switch for two seconds, release immediately when the emergency start indicator light flashes green, start the vehicle as soon as possible.

- 2.1.5 Forced emergency start (When the battery is severely undercharged and the voltage is below 2.0V, after pressing and holding for 2 seconds, the emergency start indicator light cannot stay on after flashing, and the normal emergency start function cannot be started).

In forced start mode, some protection functions will be invalid. Before turning on the forced start function, please confirm again that the positive and negative terminal are not reversed or short-circuited, otherwise it will cause serious damage to the jump starter or vehicle electronic equipment.

Press and hold the button for 6 seconds in the off state until you see the emergency start indicator light stay green (do not release when the green light flashes for 2 seconds), and release after the relay is closed indicating that the forced start function is turned on, start the vehicle as soon as possible. (In any case, as long as the emergency start function is turned on, it will time 90 seconds at the same time. After 90 seconds, it will automatically turn off the forced emergency start function. You can also press and hold the button for 2 seconds to turn off the forced emergency start function under forced emergency start.)

2.1.6 The product automatically shuts down 5 seconds after the vehicle starts, remove the battery clip (first remove the red positive clip, then remove the black negative clip). If you need to start again, please repeat steps 2.1.4 or 2.1.5.

## 2.2 Charging Digital Products

2.2.1 Use TYPE-C charging cable and select the correct port to insert into the electronic device port, charging cable needs to be purchased by users.

2.2.2 Click the button, this product automatically recognizes the charging parameters of electronic devices and charges digital products.

## 2.3 LED Light Mode Switch

Double click: Turn on the light

Then click once in order: High light ---- Low light ---- SOS ---- Flashing mode ---- (cycle in order)

Double click: Turn off the light

# V. Frequently Questions

## 1. Q: How to turn off the jump starter?

A: This product has an intelligent detection function. When there is no load or the intelligent device is fully charged, the product will automatically power off and sleep, and maintain the battery level to prevent loss, to ensure the maximum product life.

## 2. Q: How many times can the jump starter start the car?

A: It varies greatly depending on the vehicle battery's undercharge situation and environmental factors such as the vehicle engine's compression ratio. For example, it can start more than 18 times for a 2.0L displacement gasoline car with mild undercharge; for a 5.7L displacement gasoline car with severe undercharge, it can start more than 3 times.

## 3. Q: How long can the jump starter start the car if it is fully charged and not used?

A: The product circuit has a discharge protection function and uses high-quality lithium batteries. It can be stored for 6 months without use, but to extend the battery life, it is recommended to charge it once every three months to maintain the internal activity of the battery.

**4. Q: When using the emergency start function, correctly connect the battery terminal, but cannot start the vehicle?**

A: The jump starter has low power or the battery has low power. When the jump starter has low power, please use it after fully charging within the required temperature range; when the battery has low power, you need to use the forced start function.

## VI. Troubleshooting

**1. Charging alarm, all 4 LED lights are flashing.**

Reason: The product is not charged within the required temperature range.

Solution: Return the product indoors and let the product's temperature return to normal before charging.

**2. The battery clip is connected to both ends of the battery, and the emergency start indicator light flashes green and red alternately.**

Reason: The vehicle battery or circuit is damaged, or the vehicle lights, air conditioning, audio and other electrical devices are not turned off, causing the jump starter to discharge too much current.

Solution: Turn off all vehicle devices and try again. If it still doesn't work, please call for help.

**3. The product cannot be turned on, the button is not working or it turns off after flashing 3 times with 25% power indicator light after turning on.**

Reason: The product cell voltage is lower than 13.3V.

Solution: Use it again after fully charging within the required temperature range.



4. After turning on the emergency start function, the product is properly connected to the vehicle battery and disconnects after 1 second of suction.

Reason: The vehicle battery voltage is higher than the emergency start power supply voltage, causing too much recharge current.

Solution: Check whether the vehicle battery voltage is higher than the emergency start power supply voltage.

5. After connecting to the vehicle battery, the emergency start indicator light flashes red slowly (interval 1S), and the emergency start function cannot be used at the same time.

Reason: The positive and negative poles of the battery clip are reversed with the positive and negative poles of the vehicle battery.

Solution: Check and correctly connect the battery terminals.

## VII. Notes

1. Please read the manual carefully before using this product.
2. This product is only suitable for cars and motorcycles with a 12V battery voltage, and it is strictly forbidden to use it beyond the range or excessively.
3. It is forbidden to replace the vehicle battery.
4. Do not start the vehicle while charging this product.
5. Please use the battery clip that comes with the product, and it is strictly forbidden to mix with other brands and specifications of battery clips.
6. Do not clamp the positive and negative poles of the battery clip.
7. Before starting, make sure that the battery terminal is clean. If there are stains, corrosive substances or oxides on the vehicle battery terminal, please clean it before connecting, otherwise it will cause startup failure or decrease in startup performance.
8. After successfully starting the vehicle, do not continue to connect this product to the vehicle battery.
9. It is recommended not to ignite more than 5 times in a row, otherwise it may cause overheating protection delay and damage this product.

10. When using the forced start mode, the related protection functions will be shielded. At this time, the positive and negative poles of the battery clip cannot be reversed and short-circuited, otherwise it will cause serious damage to this product or vehicle electronic equipment, and the manufacturer is not responsible for the loss caused by this.
11. Each time you start the vehicle, the ignition time cannot exceed 3 seconds, and the product will automatically exit the start function after 3 seconds.
12. Please do not emergency start vehicles with engine faults and vehicle electrical faults.
13. When the internal battery temperature of the product exceeds  $+60^{\circ}\text{C}/140^{\circ}\text{F}$  or is lower than  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$ , it will automatically turn off the emergency start function and close all output and input port functions. Only when the internal battery returns to between  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  and  $+60^{\circ}\text{C}/140^{\circ}\text{F}$  can it restore emergency start and other functions.
14. To extend the service life, it is recommended to charge the product once every three months.
15. Please do not let children touch this product.
16. Please do not use it as a toy.
17. Please do not immerse this product in water.
18. Please do not disassemble or modify this product at will.
19. Please do not place this product in fire or extremely hot conditions.
20. Please do not store this product in a high temperature environment exceeding  $+55^{\circ}\text{C}/131^{\circ}\text{F}$  for a long time.
21. Please charge this product in a room temperature environment of  $0^{\circ}\text{C}/32^{\circ}\text{F}$  to  $+55^{\circ}\text{C}/131^{\circ}\text{F}$ .
22. Dispose of products based on lithium batteries according to local regulations when the product life ends.

# Warranty Card

When you need warranty service, please present this warranty card and fill in the relevant content in detail. Our company provides a 12-month free warranty period from the date of product purchase to the product user, and this warranty card is valid for photocopying.

## About Free Warranty:

1. Product quality problems occur under normal use.
2. Damage to the product due to operational errors is not within the scope of free warranty.
3. Self-disassembly and modification, etc, are not eligible for free warranty.
4. Machines with torn labels are not eligible for free warranty.

**Please read the relevant after-sales service terms in detail before use. Unpacking and using means accepting this after-sales service term. If you do not agree with the above service terms, please do not use it and contact the dealer for return. For products not covered by the warranty, our company can provide paid warranty services, and the cost is based on the actual replacement material cost, without additional labor costs.**

Product Model		Factory Number	
Purchase Date		Dealer	
Customer Name		Contact Number	
Customer Address			
Anomalies Description			



# 产品说明书

## 汽车摩托车应急启动电源

型号：CJ06

(使用前请详细阅读产品说明书，错误的操作方式会损坏本设备或车载电子设备，并失去相关的免费保修服务)

### 适用范围：

- 应急启动汽车/摩托车

支持6.0L以下排量12V电瓶的汽油车

支持3.0L以下排量12V电瓶的柴油车

- 给手机、IPAD 等数码设备充电

- \* 本产品不适用于规定排量内超高压压缩比的车辆，另外由于排量不同和电瓶端子脏污、被腐蚀、被氧化状态不同，实际启动效果会受影响。
- \* 本产品具有正反向18W快充功能，使用快充功能时请适配具有快充功能的充电器和充电线。

## 一、技术规格

尺寸	167mm × 82mm × 29mm
重量	448g
容量	8000mAh
输入	USB-C Input(PD): 5V/3A 9V/2A 12V/1.5A
输出	USB-C Output(PD): 5V/3A 9V/2A 12V/1.5A
启动电流	350A
峰值启动电流	450A
充电时间	18W快充充满约2小时; 5V/2A充满电约3.5小时
使用温度范围	-20°C — +45°C
存储温度范围	-20°C — +45°C
防尘防水等级	IP65



IP65防尘防水



接电瓶防火花



电池平衡  
充电管理



防反接保护



过充保护



过放保护



PD双向快充



过温保护



过流保护



防返充保护



低功耗



智能休眠

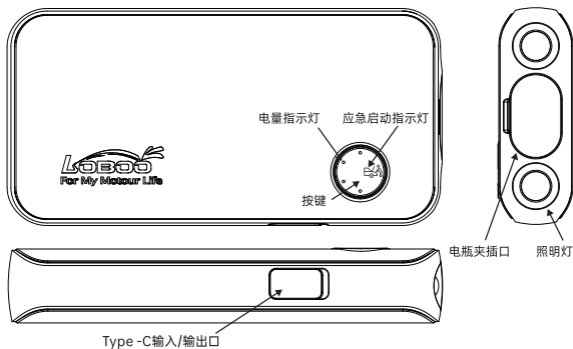


执行标准: GB/T 35590 - 2017

## 二、配件清单

序号	配件名称	数量
1	主机	1
2	电瓶夹	1
3	Type-C充电线	1
4	说明书	1
5	合格证	1

## 三、产品示意图



## 四、使用说明

### 1、指示灯说明

#### 1.1 电量指示灯

1.1.1 查看电量单击按键，电量显示如下：

电量指示灯	不亮	☆	☆☆	☆☆☆	☆☆☆☆
电量	0%	0% - 25%	25% - 50%	50% - 75%	75% - 100%

1.1.2 给本产品充电时电量指示灯闪烁，充满后四颗电量指示灯长亮并停止闪烁。

1.1.3 充电报警，四颗电量指示灯闪烁。

#### 1.2 应急启动指示灯

1.2.1 注意使用应急启动功能前，需确保本产品至少亮三颗电量指示灯（50%电量以上）。

1.2.2 应急启动功能开启：应急启动指示灯绿灯慢闪。

1.2.3 继电器吸合：应急启动指示灯绿灯长亮。

1.2.4 电瓶夹反接（正负极接反）：应急启动指示灯红灯慢闪。

1.2.5 电瓶、电路损坏或车灯、空调、音响等用电设备未关闭：应急启动指示灯绿灯和红灯互闪。

## 2、操作说明

### 2.1 使用应急启动功能

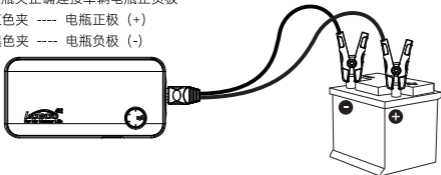
2.1.1 关闭车辆用电设备，如灯光、空调、音响等。

2.1.2 电瓶夹端子插入启动电源端口中。

2.1.3 电瓶夹正确连接车辆电瓶正负极

红色夹 ---- 电瓶正极 (+)

黑色夹 ---- 电瓶负极 (-)



2.1.4 普通应急启动（电瓶电压亏电，但电压在 2.0V 以上，本产品能够自行识别并启动应急启动功能）

长按电源开关键 2 秒，应急启动指示灯绿灯闪烁马上松手，1 秒后绿灯长亮继电器吸合表示已开启普通应急启动功能，尽快启动车辆。



2.1.5 强制应急启动(电瓶亏电严重,电压在 2.0V 以下时,长按 2 秒后应急启动指示灯闪烁不能变为长亮,普通应急启动功能不能启动)

**强制启动模式下部分保护功能将失效,在开启强制启动功能前,请再次确认正负极端子没有反接、短路,否则会造成应急启动电源或车载电子设备严重损坏。**

在关机状态下长按按键 6 秒看到应急启动指示灯绿灯长亮后松手(第 2 秒绿灯闪烁不能松手),继电器吸合表示开启强制启动功能,尽快启动车辆。(任何情况下,只要应急启动功能打开,将同时计时 90 秒,90 秒后则自动关闭强制应急启动功能,也可以在强制应急启动的情况下长按 2 秒按键关闭强制应急启动功能。)

2.1.6 车辆启动 5 秒后本产品自动关机,取下电瓶夹(先取下红色正极夹子,再取下黑色负极夹子)。如需再次启动,请重复 2.1.4 或 2.1.5 步骤。

## 2.2 给数码产品充电

2.2.1 使用 TYPE-C 充电线,并选择正确的端口插入电子设备端口,充电线需用户自行购置。

2.2.2 单击按键,本产品自动识别电子设备的充电参数,并对数码产品充电。

## 2.3 LED灯模式切换

双击: 开启照明灯

随后单击依次为: 强光 ---- 弱光 ---- SOS ---- 爆闪模式 ---- (依次循环)

双击: 关闭照明灯

# 五、常见问题

## 1、问: 如何关闭应急启动电源?

答: 本产品具有智能检测功能,在没有负载情况下或智能设备充电结束后,产品会自动断电休眠,并保持电量以免流失,以确保产品寿命最大化。

## 2、问: 应急启动电源能启动汽车多少次?

答: 根据车辆电瓶亏电情况和车辆发动机压缩比等环境因素影响差异较大,以 2.0L 排量的汽油车轻度亏电为例可启动 18 次以上; 5.7L 排量汽油车严重亏电为例可启动 3 次以上。

## 3、问: 应急启动电源充满电不用,存放多久还可以启动汽车?

答: 产品电路具有放电保护功能且使用高品质锂电芯,不使用可存放 6 个月,但为了延长电芯寿命,建议每 3 个月充一次电,以保持电芯内部活性。

#### 4、问：使用应急启动功能时，正确连接电瓶端子，但是无法启动车辆？

答：应急启动电源电量过低或电瓶电量过低。应急启动电源电量过低时请在要求的温度范围内充满电后再使用；电瓶电量过低时需使用强制启动功能。

## 六、故障排除

### 1、充电报警,4个LED灯全闪。

原因：产品没有在要求的温度范围内充电。

排除：将产品放回室内，使产品的温度恢复到正常温度再进行充电。

### 2、电瓶夹子接于电瓶两端，应急启动指示灯绿灯和红灯互闪。

原因：车辆电瓶或电路损坏或者车辆车灯、空调、音响等用电设备未关闭，导致应急启动电源放电电流过大。

排除：关闭车辆所有设备，再试一次。若还没排除，请呼叫救援。

### 3、产品不能开机，按键无作用或开机后25%电量指示灯闪3次后关机。

原因：产品电芯电压低于13.3V。

排除：在要求的温度范围内充满电后再使用。

### 4、开启应急启动功能后，产品与车辆电瓶正常连接好，吸合1秒后断开。

原因：车辆电瓶电压高于应急启动电源电压，导致回充电流过大。

排除：检查车辆电瓶电压是否高于应急启动电源电压。

### 5、连接车辆电瓶后，应急启动指示灯红色慢闪（间隔1S），同时应急启动功能不能使用。

原因：电瓶夹正负极与车辆电瓶正负极接反。

排除：检查并正确连接电瓶端子。

## 七、注意事项

1. 在使用本产品前，请仔细阅读说明书。
2. 本产品只适用于 12V 电压电瓶的汽车和摩托车，严禁超范围或过度使用。
3. 禁止替代车辆电瓶使用。
4. 请勿在给本产品充电时启动车辆。
5. 请使用随机配备的电瓶夹，严禁与其他品牌和规格的电瓶夹混用。
6. 请勿将电瓶夹正负极对夹。
7. 在启动前，确保电瓶端子是干净的，如车辆电瓶端子存在污渍、腐蚀物或氧化物，请在连接前清理干净，否则会导致启动失败或启动性能下降。
8. 成功启动车辆后，不要把本产品继续连接在车辆电瓶上。
9. 建议连续打火不超 5 次，否则有可能导致过热保护延时从而损坏本产品。
10. 使用强制启动模式时，相关保护功能将被屏蔽，此时电瓶夹正负极不能接反，不能短路，否则会导致本产品或车辆电子设备严重损坏，对此造成的损失厂商概不负责。
11. 每次给车辆启动时，打火时间不能超过 3 秒，超过 3 秒产品自动退出启动功能。
12. 请不要对有发动机故障和车载电器故障的车辆应急启动。
13. 当产品内部电池温度超过 +60°C 或低于 -20°C 时会自动关闭应急启动功能，并关闭所有输出和输入端口功能，只有内部电池恢复到 -20°C 至 +60°C 之间才能恢复应急启动及其他功能。
14. 请勿让儿童接触本产品。
15. 请勿当玩具使用。
16. 请勿将本产品浸于水中。
17. 为延长使用寿命，建议每三个月给产品充一次电。
18. 请勿随意拆卸或改造本产品。
19. 请勿将本产品置于火中或极热条件下。
20. 请不要把本产品放置于超过 +55°C 的高温环境下长期存储。
21. 请在 0°C 到 +55°C 室温环境内给本产品充电。
22. 基于锂电池的产品在产品寿命结束时根据当地法规进行处置。

# 保修卡

需要保修服务时，请出示本保修卡，并请详尽填写相关内容。本公司向产品用户提供从产品购买之日起 12 个月的免费保修期，此保修卡复印有效。

## 关于免费保修：

1. 在正常使用的状态下出现产品质量问题。
2. 如因操作失误造成对产品的损坏，不在免费保修范围之内。
3. 自行拆机改装等，不予免费保修。
4. 标贴撕毁的机器，不予免费保修。

使用前请仔细阅读相关售后服务条款，拆除包装并使用即表示接受此售后服务条款，如不同意上述服务条款，请勿使用，并联系经销商退货。不在保修范围内的产品，我司可提供有偿保修服务，费用以实际更换材料费用为准，不另收取人工费用。

产品型号		出厂编号	
购买日期		经销商	
客户姓名		联系电话	
客户地址			
产品异常现象描述			

