

128g铜版纸 骑马订 单色 / 双面印刷

英文在前 中文在后

成品尺寸：110x130mm

# BI-DIRECTIONAL CHARGER

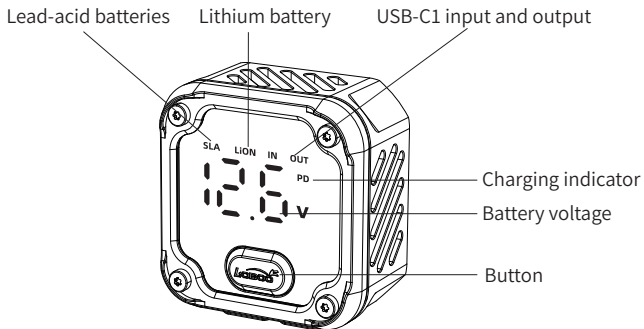
## User Manual

Model: **C36**



Scan the QR Code to  
watch the usage video

## Product Diagram



## Packing List

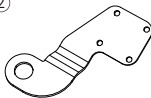
①



QTY:1PCS

Bi-directional charger

②



QTY:1PCS

Rearview mirror  
fixing mount

③



QTY:4PCS

M3\*6 hex socket star  
drive button head screw

④



QTY:2PCS

3M tape

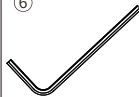
⑤



QTY:6PCS

Cable tie

⑥



QTY:1PCS

T10 torx key

## Parameter

Input: DC12-15V

USB-C1 output: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20-5A, 3.3-21V-3A

USB-C2 output: 5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A

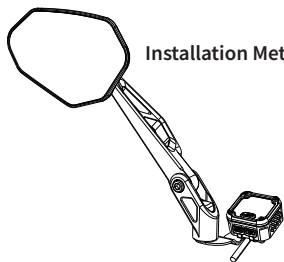
Charging protocol: PD3.0, Apple2.4A, Samsung-5V-2A, QC2.0, QC3.0, QC4+, FCP, SCP, AFC, DCP

USB-C1 input (Battery charging mode): 100W (MAX)

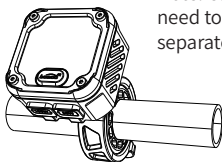
Applicable battery types: 12V lead-acid battery, 12V maintenance-free battery, 12V lithium iron phosphate (LiFePO4) battery

## Installation and Usage Instructions

1. Please follow the diagram for installation and wiring



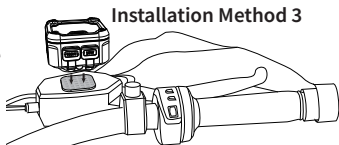
**Installation Method 1**



**Installation Method 2**

Note: Clamp and accessories need to be purchased separately.

Note: You can also attach the bi-directional charger directly to a suitable position on the motorcycle, but make sure the USB port is facing down to prevent water accumulation and damage to the product.

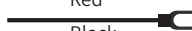


**Installation Method 3**



Red

Connect to battery positive terminal



Black

Connect to battery negative terminal



Yellow

Connect to ACC

2. Turn off the key (ACC power off). Connect a power adapter or a power bank to the fast charge USB-C1 port to charge the motorcycle battery. Press and hold the button for 3 seconds to select the battery type. Both the lead-acid battery and lithium battery indicator lights will flash. Press the button once to select the lithium battery, the lithium battery light will flash. Press the button again to select the lead-acid battery, the lead-acid battery light will flash. The selected battery type indicator light will remain on after 3 seconds.

When the battery voltage is  $<10V$ , charge the battery at  $\leq 1A$  (trickle charge).

When the voltage is between 10-12V, charge the battery at  $\leq 45W$ .

When the voltage is  $>12V$ , charge the battery at full power (100W).

After reaching 14.4V, switch to constant voltage charging and maintain it at 13.8V.

In lead-acid charging mode, if the battery voltage is  $<10V$  during charging, "E4" is displayed, indicating the lead-acid battery is being repaired. If the voltage remains below 10V after charging for 5 minutes, "E" is displayed, indicating the battery is damaged.

When the battery voltage is  $<12V$ , charge the battery at  $\leq 45W$ .

When the voltage is  $>12V$ , charge the battery at full power (100W)

**Note: The charging power depends on the output power of the power adapter or power bank.**

3. Turn on the Key (ACC power on). The charger will display the motorcycle battery voltage. Open the silicone cover of the fast charge output port, connect a digital device to any fast charge output port with a charging cable, and start charging the device.
4. When the USB-C input or output enters fast charge protocol mode, the fast charge indicator light will remain on.
5. After charging is complete, remove the charging cable and close the silicone cover of the output port.

## Precautions

1. When charging lead-acid batteries with a capacity  $\leq 10Ah$ , use a power adapter or power bank with a power rating of no more than 60W. For lead-acid batteries with a capacity greater than 10Ah, you can use a power adapter or power bank with a power rating of up to 100W.
2. When the battery voltage is  $<10V$ , the fast charger will automatically stop output to prevent over-discharge and damage to the battery.

3. This product is designed for installation on fuel motorcycles with a DC voltage of 12-15V only. Do not use it beyond this range.
4. When not charging, keep the silicone cover closed to protect the ports.
5. For cleaning, use clean water or a neutral detergent. Do not use acidic or alkaline liquids for cleaning.

## After-Sales Service Terms

### 1. One-Year Free Warranty

This product comes with a one-year free warranty from the date of purchase. During this period, if there are any quality issues under normal use, free repair service will be provided.

### 2. Limited Warranty

After the one-year warranty period expires, LOBOO will provide paid repair services. The cost will be based on the actual replacement material costs, with no additional labor charges.

### 3. This Service Terms Do Not Apply to the Following Situations:

- Damage caused by natural disasters
- Damage from accidents or collisions
- Damage due to human error or accidents
- Damage from contact with harmful chemicals or other substances
- Improper installation or use
- Self-disassembly or modification
- Damage to factory-provided cables
- Product failure caused by using third-party (non-LOBOO) components
- Lack of a warranty card or inability to provide valid proof of purchase

### 4. User Awareness

Users should be aware that this product is a modification part, and its quality and lifespan can be affected by different installation and usage environments. Except as explicitly stated by law, LOBOO is not responsible for any direct, indirect, special, incidental, or consequential losses or damages, as well as disassembly and reassembly risks and costs incurred during installation and use by the user. This is not limited by other legal provisions.

## Return and Exchange Information

Platform ID: \_\_\_\_\_ Order Number: \_\_\_\_\_

Customer Name: \_\_\_\_\_ Contact Number: \_\_\_\_\_

Return Address: \_\_\_\_\_

### After-Sales Matters:

Please keep this card properly and return it with the product  
(copies are acceptable).

# 摩托车车载双向快充

## 使用说明书

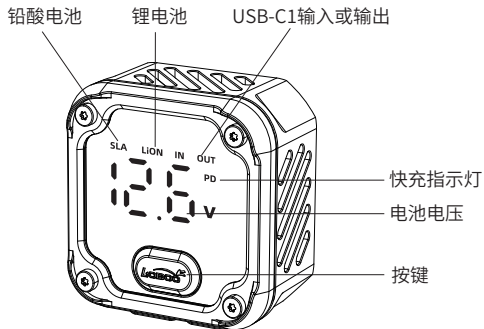
产品型号: **C36**



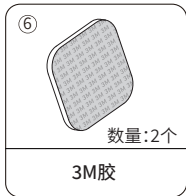
扫码观看安装  
使用教程视频



## 产品示意图



## 配件清单



## 技术参数

输入:DC12-15V

USB-C1输出: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20-5A, 3.3-21V-3A

USB-C2输出: 5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A

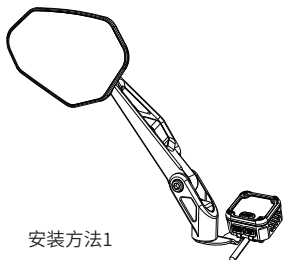
充电协议: PD3.0, Apple2.4A, Samsung-5V-2A, QC2.0, QC3.0, QC4+, FCP, SCP, AFC, DCP

USB-C1输入(电瓶充电模式):100W(MAX)

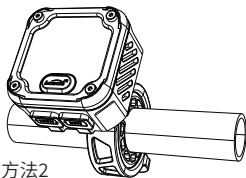
支持电瓶类型:12V铅酸蓄电池, 12V免维护电池, 12V磷酸铁锂电池

## 使用方法

1. 请按图示安装与接线。



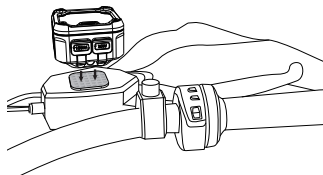
安装方法1



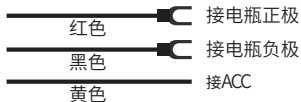
安装方法2

(注:卡箍配件需另购)

注意:也可将摩托车车载双向快充主体直接粘贴在车上合适的位置,但请注意USB口需朝下,防止USB口内长时间积水,损坏产品。



安装方法3



2. 关闭钥匙门(ACC断电),用电源适配器或移动电源与快充USB-C1接口连接,给摩托车电池充电。长按按键3秒,可进行电池类型选择,此时铅酸电池和锂电池指示灯同时闪烁,再短按一次选择锂电池,锂电池灯闪烁,再短按一次选择铅酸电池,铅酸电池灯闪烁,选好后3秒对应电池指示灯常亮。

#### 铅酸电池充电模式:

电池 $<10\text{V}$ 时, $\leq 1\text{A}$ 对电池进行涓流充电; $10\text{-}12\text{V}$ 时, $\leq 45\text{W}$ 对电池进行充电; $>12\text{V}$ 后满功率 $100\text{W}$ 充电; $14.4\text{V}$ 恒压充电结束后,电压降至 $13.8\text{V}$ ,开启 $13.8\text{V}$ 恒压充电;铅酸充电模式下,当电池电压 $<10\text{V}$ 时,充电过程中显示E4,表示铅酸电池正在修复;连续充电5分钟,电池电压仍然小于 $10\text{V}$ ,显示E5,表示电池已损坏;

#### 锂电池充电模式:

当电池电压 $<12\text{V}$ 时, $\leq 45\text{W}$ 对电池进行充电; $>12\text{V}$ 后满功率 $100\text{W}$ 充电。

**注:充电功率取决于电源适配器或移动电源输出功率。**

3. 打开钥匙门(ACC通电),快充显示摩托车电池电压,打开快充输出出口的硅胶塞,用充电线连接移动数码产品和快充任意输出口,即可给移动数码产品充电。
4. 当USB-C输入或者输出进入快充协议时,此时快充指示灯常亮。
5. 充电完成后请移除充电线,盖好输出口硅胶塞。

## 注意事项

1. 当给容量 $\leq 10\text{Ah}$ 的铅酸电池充电时,请匹配功率不大于 $60\text{W}$ 的电源适配器或移动电源;当给容量大于 $10\text{Ah}$ 的铅酸电池充电时,可匹配功率在 $100\text{W}$ 以内的电源适配器或移动电源。
2. 当电池电压 $<10\text{V}$ 时,快充自动停止输出,避免电池过放电造成损坏。
3. 此产品仅限安装于 $12\text{-}15\text{V}$ 直流电压的燃油摩托车上,请勿超范围使用。
4. 当不充电时,请保持硅胶塞为关闭状态。
5. 如需清洁,请用清水或中性清洁剂擦拭,严禁用酸碱性液体清洁。

## 售后服务条款

1. 一年免费保修期。  
此产品自售出之日起一年内,在正常使用情况下出现质量问题,可享受免费维修服务。
2. 有限保修:  
一年保修时间到期后,LOBOO将提供有偿保修服务,费用以实际更换材料费用为准,不另收取人工费用。

3. 本服务条款不适用于以下情况:自然灾害损坏、事故碰撞损坏、人为或意外损坏、接触不良或危险化学品或其他物质、安装和使用不当、自行拆解、自行改装、破坏出厂提供的线缆、将产品与任何第三方(非LOBOO)组件一起使用而导致或引起的任何产品故障、无保修卡或不能提供有效购买凭证等。
4. 用户需意识到此款为改装部品,其质量和使用寿命会受到安装和使用环境不同而受影响,除法律明确规定外,LOBOO对用户安装和使用过程中产生的直接、间接、特殊、偶然、必然的损失或损伤以及拆装风险和费用等,均不承担责任,而且不受其他法律条文的限制。

## 退换货信息

平台ID: \_\_\_\_\_ 订单编号: \_\_\_\_\_

联系人姓名: \_\_\_\_\_ 联系人电话: \_\_\_\_\_

回寄地址: \_\_\_\_\_

### 售后事项

请妥善保管好此卡并与产品一起寄回(复印件有效)