

MI-J1雪地山地车 使用说明书

MI-J1 snow mountain bike
operation manual

重要事项 | CAUTION

- 骑行前，请仔细阅读《产品使用说明书》，认真检查各零部件是否完好，以确保您骑行安全，如发现问题请及时与经销商联系。 Before riding, please carefully read the product manual and carefully Check whether all parts are in good condition to ensure your riding safety, such as If you find any problems, please contact the dealer in time.
- 请遵守城市交通法规，不准带人；雨雪天及路滑地段应减慢速度，刹车时应增加制动距离，以确保安全。 Please observe the urban traffic regulations and do not bring people; Slow down in rainy and snowy days and slippery roads, and increase the braking distance when braking to ensure safety.
- 本车不怕雨、雪天气，但不能涉水，当水位淹至后轮电机轮毂时，将造成整车内部线路的短路并损坏电器，务请注意！ The car is not afraid of rain and snow, but it cannot WadeWhen the water level is flooded to the wheel hub of the rear wheel motor, it will cause a short circuit in the internal circuit ofthe car and damage electrical appliances. Please pay attention!
- 本车所用电池为安全电源，但电池盒的两个金属触点不能用湿手同时触摸，更不能与金属同时接触，否则将产生较大的短路电流而引发事故。务请注意！ The battery used in this vehicle is a safe power supply, but the two metal contacts of the battery box cannot be touched by hand at the same time, let alone contact with the metal at the same time, otherwise a large short-circuit current will be generated and an accident will be caused. Please pay attention
- 请勿自行拆卸分解零部件，如需更换，请向本公司电动自行车总代理处购买标准零件。 Please do not disassemble and disassemble the parts by yourself. If you need to replace them, please purchase standard parts from the general agency of our company.
- 为了他人的安全，请不要将您的电动自行车借给不会操作的人骑行，从而也使您的爱车免受不必要得损坏。 For the safety of others, please don't lend your electric bicycle to someone who can't operate it Ride, so that your car will not be damaged unnecessarily.

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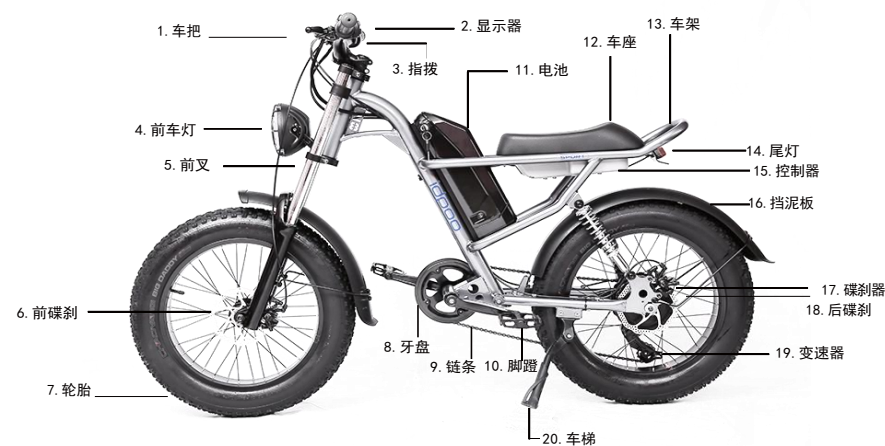
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1.山地车各部位解析图

Analysis diagram of various parts of mountain bike



- | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|------------------------|---------------------|--------------------|---------------------------|---------------|--------------------|---------------|-----------------|------------------|-------------------|----------------|--------------------|----------------------|------------------|----------------------|---------------------------|------------------------|---------------------|---------------|----------------------|--------------------|-----------------------|------------------------|
| 1. 车把 (Handlebar) | 2. 显示器 (Display) | 3. 指拨 (Finger shifter) | 4. 前车灯 (Front lamp) | 5. 前叉 (Front fork) | 6. 前碟刹 (Front disc brake) | 7. 轮胎 (Tires) | 8. 牙盘 (Tooth disc) | 9. 链条 (Chain) | 10. 脚踏 (Pedals) | 11. 电池 (Battery) | 12. 车座 (Car seat) | 13. 车架 (frame) | 14. 尾灯 (Tail lamp) | 15. 控制器 (Controller) | 16. 挡泥板 (Fender) | 17. 碟刹器 (Disc brake) | 18. 后碟刹 (Rear disc brake) | 19. 变速器 (Transmission) | 20. 车梯 (Car ladder) | 21. 握把 (Grip) | 22. 二合一 (Two in one) | 23. 把立 (Handlebar) | 24. 刹把 (Brake handle) | 25. 转把 (Swivel handle) |
|-------------------|------------------|------------------------|---------------------|--------------------|---------------------------|---------------|--------------------|---------------|-----------------|------------------|-------------------|----------------|--------------------|----------------------|------------------|----------------------|---------------------------|------------------------|---------------------|---------------|----------------------|--------------------|-----------------------|------------------------|

2.技术参数

technical parameter

品名 (Product name): MI-J1

重量 (Weight): 35.5kg

功率 (Power): 48V 250W

速度 (Speed): ≤25km

电池 (Battery): 48v 15.6AN

载重 (Load): ≤120kg

续航里程: ≤40km

(Endurance mileage)

充电时间: 7-9小时

(Charging time) 7-9 hours

轮径: 20英寸

(Wheel diameter): 20 inches

3.电池使用说明

Battery instructions

一、电池充电：本车为外挂锂电池，可以取下充电。

Battery charging: this car is an external lithium battery, which can be removed for charging.

电池电量不足时，打开钥匙，将电池取出。双手拿紧电池以防掉落，取出充电器，将输入端插到电源，将输出端DC2.1插入电池充电孔，红灯亮起，充至7-9个小时，绿灯亮时充满。When the battery is low, open the key and take out the battery. Hold the battery tightly with both hands to prevent it from falling, Take out the charger, plug the input end into the power supply, and plug the output end dc2.1 into the battery charging hole, When the red light is on, it will be charged for 7-9 hours, and when the green light is on, it will be full.

二、Warnings 警告

1. Load circuit may cause voltage and current, and the voltage or current may add to pack, the voltage or current must be controlled as lower than RWV and RWI, larger voltage or current may damage the

PCM of pack. ☆负载可能产生电压和电流,该电压和电流会反加在电池组合(含PCM)上,该电压和电流不能超过保护板自身反向耐压耐流值,过高电压或电流会损坏电池成品中的保护板。

2. To prevent the possibility of the pack from leaking, heating, fire . please observe the following precautions: ☆为防止电池组合可能发生的泄漏,发热,起火,请注意以下预防措施:

3. Do not immerse the pack in water and seawater Guard against Damp ☆ 严禁将电池组合浸入海水或水中,注意防潮.

4. Do not use and leave the pack near a heat source as fire or heater ☆ 禁止将电池组合在热高温源旁,如火,加热器等使用设备.

5. When recharging, use the battery charger specifically for that purpose ☆ 充电时请选用锂离子电池专用充电器.

6. Do not reverse the position and negative terminals

☆ 禁止颠倒正负极使用电池

7. Do not connect the pack to an electrical outlet ☆ 禁止将电池组合直接接入电源插座

8. Do not discard the pack in fire or heat it ☆ 禁止将电池组合丢入火或加热器中

9. Do not short-circuit the pack by directly connecting the positive and negative terminal with metal object such wire ☆ 禁止用金属直接将电池组合的正负极进行短路连接.

10. Do not transport and store the battery together with metal objects such as necklaces, hairpins etc. ☆ 禁止将电池组合与金属,如发夹,项链等一起运输或贮存.

11. Do not strike or throw the pack. ☆ 禁止敲击或抛掷,踩踏电池等.

12. Do not directly solder the pack or battery and pierce the battery with a nail or other sharp object. ☆ 禁止直接焊接电池或电芯, 禁止用钉子或其它利器刺穿电池或电芯.

13. As installed safety device in the battery, please do not resolve or change any other sections of the battery to protect the inherent safety functions ☆ 电池内有安全装置,为了保证其固有的安全功能,请不要将电池分解开或改变任何的部份.

二、Cautions 注意

1. Do not use or leave the pack at very high temperature (for example at strong direct sunlight or a vehicle in extremely hot conditions).

Otherwise, it can overheat or fire or its performance will be degenerate and its service life will be decreased. △禁止在高温下(直热的阳光下或很热的汽车中)使用或放置电池组合,否则可能会引起电池过热,起火或功能失效从而导致电池组合寿命减短.

2. Do not use it in a location where static electricity is great, otherwise the safety devices in the pack may be damaged, which will cause hidden trouble of safety. △禁止在强静电和强磁场的地方使用,否则易破坏电池组合的安全保护装置,带来不安全隐患.

3. If the pack leaks and the electrolyte get into the eyes, do not rub eyes, instead, rinse the eyes, with clean running water, and immediately seek medical attention. Otherwise, eye injury can result. △如果电池发生泄漏,电解液进入眼睛,请不要揉擦,用清水冲洗眼睛,并立即送医院治疗,否则会伤害眼睛.

4. If the battery emits peculiar smell, heating, discoloration, deformation during use or storage, or any abnormal phenomenon occurs during charging, immediately remove the battery from the charger or device, and stop using the primary charge and discharge to activate the battery △如果电池在使用或贮存中发出异味,发热,变色,变形,或者是在充电过程中出现任何异常现象,立即将电池从充电器或装置中移开,并停止使用一次充、放电以激活电池.

5. In case the pack terminals are dirt, clean the terminals with a dry cloth before use. Otherwise power failure or charge failure may occur due to the poor connection with the instrument. △如果电池的连接点弄脏,使用前应用干布抹净,否则可能会因接触不良而影响性能失效.

6. Be aware discharged battery may cause fire or smoke, tape the terminals to insulate them △废弃之电池应用绝缘纸包住电极,以防起火,冒烟

7. The pack should be stored at room temperature, charged to about 40% to 60% of capacity. In case of over-discharge, pack should be charged for one time every 3 months while storing and batteries should be discharge and charge after being stored more than a year in order to activate it and restore energy. △电池组合应当在室温下存放,应充到40%至

60%的电量。为防止电池过放,建议每3个月进行一次充电,如储存时间超过一年,建议每年进行一次充、放电以激活电池。

8. Prohibition short circuit (禁止电池短路)
Never make short pack circuit. It generates very high current which causes heating of the cells and may cause electrolyte leakage, gassing or explosion that are very dangerous. The LIP tabs may be easily short-circuited by putting them on conductive surface. Such outer short circuit may lead to heat generation and damage of the cell. 避免电池短路短路会产生很高的电流而使电池发热以及电解液泄漏,产生气体或爆炸是非常危险的。极片连接在导电物体表面很容易短路,外部短路会导致发热及损害电池。

9. Mechanical shock (机械撞击)
LIP cells have less mechanical endurance than metal-can-cased LIB. Falling, hitting, bending, etc. may cause degradation of LIP characteristics. △聚合物电池比金属壳方形电池的机械耐久性更小。
△跌落、碰撞、弯曲等等都可能会降低聚合物电池的性能。

4. 仪表使用说明

Instructions for instrument use

一、产品名称及型号 (Product name and model)

电动自行车智能液晶仪表; 型号: YL81C.

Intelligent LCD display for e-bike; model: YL81C.

二、规格参数 (Specifications)

- | | |
|-------------------|-----------------------------------------------------|
| ● 36V/48V电源供电 | ● 36V/48V power supply |
| ● 仪表额定工作电流15mA | ● Rated working current 15mA |
| ● 仪表最大工作电流30mA | ● Maximum working current 30mA |
| ● 关机漏电流 < 1uA | ● Leakage current at power-off < 1uA |
| ● 供给控制器端工作电流50mA | ● Working current at the supply controller end 50mA |
| ● 工作温度 -20 ~ 60°C | ● Working temperature -20 ~ 60°C |
| ● 存储温度 -30 ~ 70°C | ● Storage temperature -30 ~ 70°C |

三、外观及尺寸 Appearance and dimensions



仪表实物图

Picture of Display 81C

四、功能概述及功能区域分布

(Function overview and functional area layout)

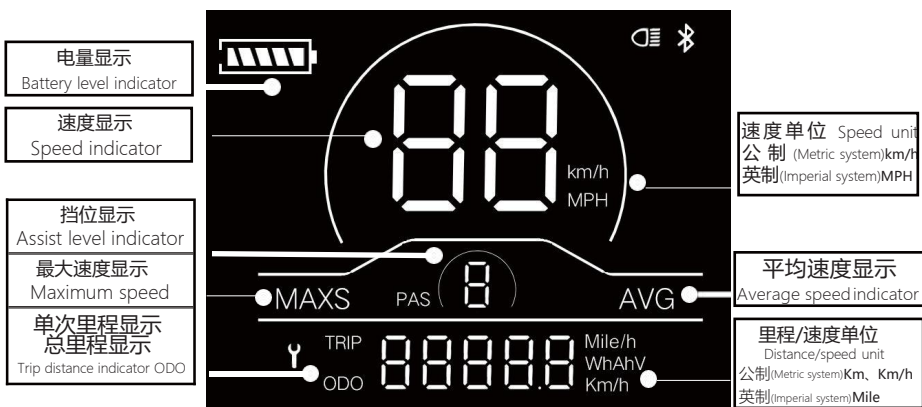
1. 功能概述 Function overview

YL81C款仪表提供了多种功能以满足用户骑行需求， Display YL81C provides a variety of functions to meet the riding needs of users, including:

内容包括 including:

- 电量显示
- 助力档位调节和显示
- 大灯指示
- 速度显示：实时速度、最大速度 (MAXS)、平均速度 (AVG)
- 里程显示：总里程 (ODO) 单次里程 (Trip)
- 错误代码显示
- Battery level indicator
- Assist level adjustment and indication
- Headlight indicator
- Speed indicator (including real-time speed, maximum speed (MAXS) and average speed (AVG))
- Distance indicator (including ODO and trip distance (Trip))
- Error code indicator

2. 功能区域分布 Functional area layout



YL81C功能区域分布界面

Functional Area Layout Interface of Display YL81C

3. 按钮定义 (Button definitions)

YL81C仪表对应的操作单元上有三个按键，开/关机键 加键 减键

There are three buttons on the operating unit of display YL81C, i.e., the on/off button , plus button and minus button .

五、常规操作 (General operation)

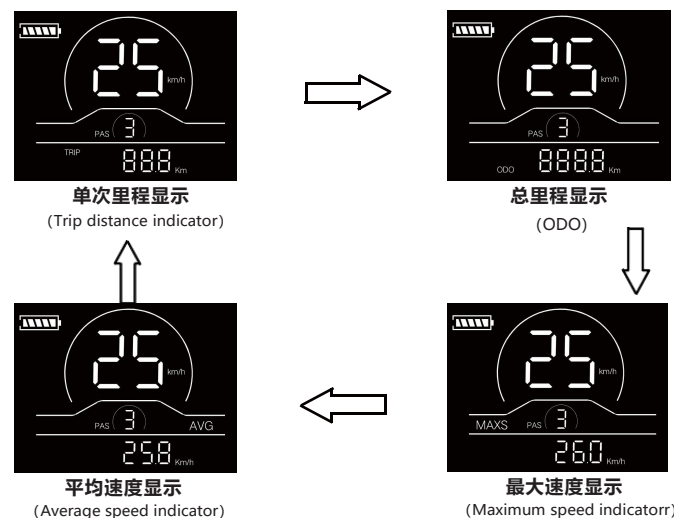
1. 开机/关机 (Power on/off)

■如果超过10分钟不使用电动车，仪表会自动关机。

If your e-bike is not used for more than 10 minutes, the display will be automatically powered off.

2. 显示界面 (Display interface)



仪表开机后，仪表默认显示实时速度（千米/小时）和单次里程（千米）。短按开/关机键 键显示信息在单次里程（千米）总里程（千米）最大速度（千米/小时）平均速度（千米/小时）之间切换。里程达到 9999.9Km 时，里程自动清零。After the display is turned on, the display will show the real-time speed (km/h) and the trip distance (km) by default. By pressing the button, the information displayed will be switched between the trip distance (km), ODO (km), maximum speed (km/h) and average speed (km/h).When the distance reaches 9999.9 km, it will be automatically reset to zero.



显示界面切换

Display Interface Switching





3. 助力推行 (Push assistance)

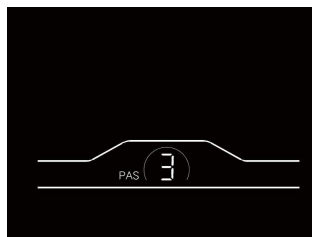
长按 , 电动车进入电助力推行状态。电动车以每小时 6 公里的速度匀速行驶。同时屏幕显示 P 档。松开减键电动车将立即停止功率输出并返回到助力推行前的状态。By pressing and holding the button  the electric push assistance mode will be enabled. Your e-bike will run at the constant speed of 6km/h. The display will show level P. By releasing the button, your e-bike will immediately stop power output and return to the state before push assistance.



Push Assistance Indicator Interface

4. 助力档位选择 (Assist level selection)

短按  /  键, 切换电动车助力档位, 从而改变电机输出功率。仪表可供选择的助力档位是0-3 档。By pressing the button  / , the e-bike assist level will be switched to change the motor output power. The assist levels available for the display include: levels 0-3, levels 1-3, levels 0-5, levels 1-5, levels 0-7, levels 1-7, levels 0-9 and levels 1-9.

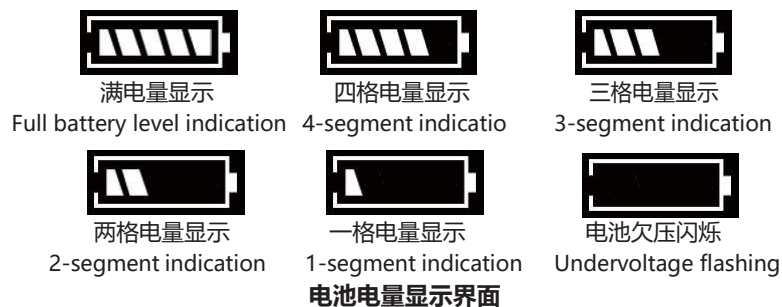


档位切换显示界面

Assist Level Switching Interface

5. 电量显示 (Battery level indicator)

电池电量五段显示, 当电池满电量时, 五格灯均亮, 当电池欠压时, 电池外边框闪烁, 提示需要马上充电。The battery level indicator consists of five segments. When the battery is fully charged, the five segments will be all on. In case of undervoltage, the outline of the battery indicator will flash, which means the battery has to be charged immediately.



Battery Level Indicator Interface

6. 错误代码显示 (Error code indicator)

当电动车电控系统出现故障时, 仪表将自动显示错误代码, 故障代码显示在里程数字段位中, 格式为 E0**, 详细错误代码的定义参见附表 1。When a fault occurs in the electronic control system of your e-bike, the display will automatically indicate the error code in the distance area in the format of E0**. Detailed definitions of error codes are shown in Schedule 1.



错误代码显示界面




Error Code Indicator Interface

■当显示界面出现错误代码时, 请及时排除故障, 出现故障后电动车将不能正常行驶。When an error code appears on the display interface, please conduct troubleshooting in time. Otherwise, your e-bike will not work normally.

六、常规设置 (General setting)

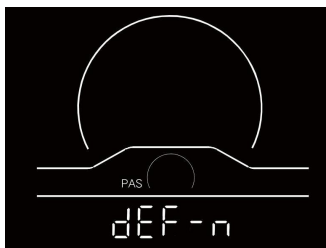
常规设置操作步骤如下: 在开机状态下, 仪表显示速度为 0 时。All parameters can only be set when your e-bike stops. The steps for general setting are as follows: In the power-on state, when the display shows the speed of 0,

1. 单次里程清零设置 (Trip distance reset)

同时按住  和  2 秒钟以上, 清零单次里程。Press and hold the buttons  and  at the same time for more than 2 seconds to reset the trip distance.

2. 恢复出厂设置

dEF 为恢复出厂设置，dEF-n 为不恢复出厂设置，dEF-y 为恢复出厂设置，同时按住  和  2 秒钟以上，进入恢复出厂设置界面，短按  /  进行选择。dEF refers to factory reset. dEF-n represents not to restore factory settings, and dEF-y represents to restore factory settings. Press and hold the buttons  and  at the same time for more than 2 seconds to enter the factory reset interface, and press the button  /  to select a parameter.



恢复出厂设置界面

Restore the factory setting interface

七、个性化设置(Custom setting)



















■各设置项均需要在车辆静止的情况下进行

All parameters can only be set when your e-bike stops.

个性化设置操作步骤如下(The steps for custom setting are as follows):

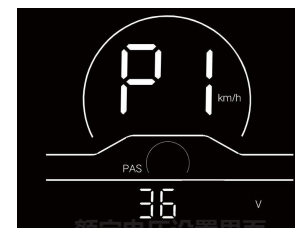
在开机状态下，仪表显示速度为 0 时，

In the power-on state, when the display shows the speed of 0,

- (1) 同时按住  /  2 秒钟以上，进入个性化设置项选择界面； Press and hold the buttons  and  at the same time for more than 2 seconds to enter the selection interface of custom setting options;
- (2) 短按  /  进行常规设置项选择界面切换，短按  进入更改参数状态； Press the button  /  to switch the selection interface of general setting options, and press the button  to enter the parameter modification interface;
- (3) 短按  /  进行参数选择； Press the button  /  for parameter selection;
- (4) 短按 ，保存参数设置并返回个性化设置项选择界面； Press the button  to save the parameter and return to the selection interface of custom setting options;
- (5) 长按 ，保存参数设置并退出个性化设置项选择界面。 Press and hold the button  to save the parameter and exit the selection interface of custom setting options.

1. 额定电压设置(Rated voltage setting)

P1 为额定电压设置选项，可设置值有：36V、48V。短按  进入更改参数状态；短按  /  进行参数选择；短按 ，保存参数设置并返回常规设置项选择界面； P1 refers to the rated voltage setting option. Available values include: 36V and 48V. Press the button  to enter the parameter modification interface. Press the button  /  for parameter selection. Press the button  to save the parameter and return to the selection interface of general setting options.



Rated Voltage Setting Interface

2. 轮径设置 (Wheel diameter setting)





P2 为轮径设置选项，可设置范围：8-32inch。短按  进入更改参数状态；短按  /  进行参数选择；短按 ，保存参数设置并返回常规设置项选择界面 P2 refers to the wheel diameter setting option. Available parameters include: 8-32 inches. Press the button  to enter the parameter modification interface. Press the button  /  for parameter selection. Press the button  to save the parameter and return to the selection interface of general setting options.






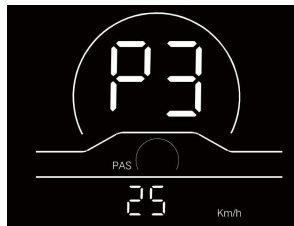
轮径设置界面

Wheel Diameter Setting Interface

3. 限速设置 (Speed limit setting)

P3 为限速设置选项，可设置范围：10-40km/h。短按 ，进入更改参数状态；短按  /  进行参数选择；短按 ，保存参数设置并返回常规设置项选择界面；







P3 represents the speed limit setting option. The adjustable range is 10~40km/h. Press the button  to enter the parameter modification interface. Press the button  for parameter selection. Press the button  to save the parameter and return to the selection interface of general setting options.

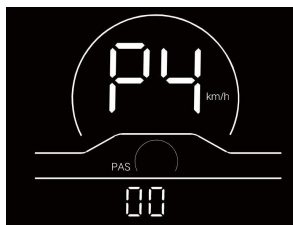


限速设置界面

Speed Limit Setting Interface

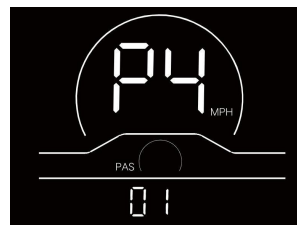
4. 公英制单位设置 (Metric/imperial system setting)

P4 为公英制单位设置选项, 00 代表公制, 01 代表英制。短按  进入更改参数状态; 短按  进行参数选择; 短按  保存参数设置并返回常规设置项选择界面; P4 refers to the metric/imperial system setting option. 00 represents the metric system, and 01 represents the imperial system. Press the  button to enter the parameter modification interface. Press the button  for parameter selection. Press the  button to save the parameter and return to the selection interface of general setting options.



公制显示界面

Metric system indicator interface






英制显示界面




Imperial system indicator interface

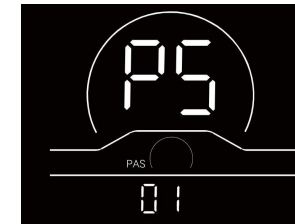
公英制单位设置界面

Metric/imperial System Setting Interface

5. 速度传感器设置 (Speed sensor setting)

P5 为速度传感器设置选项, 可以根据电动车车轮上所安装的磁头数量进行设置, 可设置范围: 1-63。短按  进入更改参数状态; 短按  进行参数选择; 短按  保存参数设置并返回常规设置项选择界面;







P5 refers to the speed sensor setting option, which can be set according to the number of magnetic heads installed on the wheels of your e-bike. The setting range is 1-63. Press the button  to enter the parameter modification interface. Press the button  for parameter selection. Press the button  to save the parameter and return to the selection interface of general setting options.



速度传感器设置姐妹

Speed Sensor Setting Interface




6 限流数值设置 (Current limit setting)




P6 为限流数值设置, 可调范围: 1-25A。短按  进入更改参数状态; 短按  进行参数选择; 短按  保存参数设置并返回常规设置项选择界面; P6 refers to current limit setting. The adjustable range is 1-25A. Press the button  to enter the parameter modification interface. Press the button  for parameter selection. Press the button  to save the parameter and return to the selection interface of general setting options.

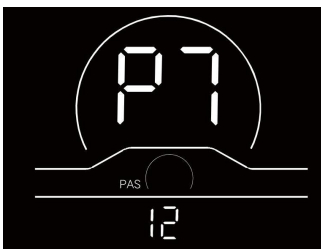


Current Limit Setting Interface

7 助力传感器设置 (Assistance sensor setting)

P7 为助力传感器设置选项, 设置助力磁盘磁钢个数, 可调范围: 5、6、7、8、9、10、12。短按  进入更改参数状态; 短按  进行参数选择; 短按  保存参数设置并返回常规设置项选择界面;





P6 refers to current limit setting. The adjustable range is 1-25A. Press the button  to enter the parameter modification interface. Press the button  for parameter selection. Press the button  to save the parameter and return to the selection interface of general setting options.



助力传感器设置界面

Assistance Sensor Setting Interface

8 开机密码设置

P8 为开机密码设置选项，PSd-Y 表示需要开机密码，PSd-N 表示不需要开机密码，仪表出厂默认 PSd-N。短按 ，进入更改状态，短按  进行状态选择。P8 refers to the power-on password setting option. PSd-Y means that a power-on password is required, and PSd-N means that no power-on passwords are required. The default value of the display is PSd-N. Press the button  to enter the modification interface, and press the button  to enter the selection interface.

当选择 PSd-N，短按  返回个性化设置项选择界面；If PSd-N is selected, press the button  to return to the selection interface of custom setting options;

当选择 PSd-Y，短按  进入密码设置；若不更改密码长按  退出个性化设置界面；若要更改密码，短按  移位，短按  进行数值选择，设置后再次短按  返回个性化设置项选择界面。If PSd-Y is selected, press the button  to enter the password setting interface. If you don't want to change the password, press and hold the button  to exit the custom setting interface. If you want to change the password, press the button  for cursor movement and the button  for figure selection, and then press the button  to return to the selection interface of custom setting options.



开机密码设置界面

Power-on Password Setting Interface

八、质量承诺与保修范围

Quality commitments and warranty scope

1. 保修信息 (Warranty information)

- 凡属正常使用情况下由于产品本身质量问题引起的故障，在保修期内本公司将负责给予有限保修。For the faults caused by the quality of the product under normal use, the Company will be responsible for providing limited warranty during the warranty period.
- 产品的保修期自仪表出厂 12 个月内。The warranty period of the product is within 12 months from delivery.

2. 非保修范围(Non-warranty scope)

- 外壳被打开(The enclosure is opened)
- 接插件被破坏(the connector is damaged)
- 仪表出厂后，外壳划伤或外壳破损(The enclosure is scratched or damaged after delivery)
- 仪表引出线划伤或断裂 (The outgoing line of the display is scratched or broken)
- 由于不可抗拒（如火灾、地震等）或自然灾害（如雷击等）所造成的故障或损坏 (Faults or damage caused by force majeure (such as fires, earthquakes, etc.) or natural disasters (such as lightning strikes, etc.)
- 产品超出保修期 (The warranty period has expired)

九、注意事项 Considerations

在使用过程中注意使用安全，不要在通电情况下插拔仪表。

Please use safely, and do not plug or unplug the display when it is powered on.

- ◆ 仪表尽量避免磕碰。(Please avoid bumping as far as possible.)
- ◆ 关于仪表的后台参数设置，请不要随意更改，否则无法保证正常骑行。(Please do not alter the background parameter settings of the display at will, otherwise normal riding cannot be guaranteed.)
- ◆ 当仪表不能正常使用时应尽快送修。(If the display fails to work normally, it should be repaired as soon as possible.)
- ◆ 因公司产品的升级可能您拿到的产品部分显示内容或功能会与说明书有所区别，具体以实物为准。(Due to product upgrades of the Company, part of the displayed contents or functions of the product you bought may be different from the manual, depending on the actual model.)

5. 保养清洁

Maintenance and cleaning

一、如果您的自行车非常脏，请用水或温和的清洁剂和非研磨性海绵清洁自行车。If your bike is very dirty, please clean it with water or mild detergent and non abrasive sponge Driving.

二、切勿使用高压冲洗自行车，Do not use high pressure to wash the bicycle,

三、切勿直接冲洗电动自行车的轴承点或电子部件。Never wash the bearing points or electronic components of the electric bicycle directly

四、切勿使用刺激性化学品或酒精擦拭物清洁自行车。Do not use irritant chemicals or alcohol wipes to clean the bike.

五、请使用润滑油擦拭车体金属部件进行保养。Please use lubricating oil to wipe the metal parts of the car body for maintenance

六、严禁给车闸、轮毂上油 It is strictly forbidden to oil the brake and wheel hub

润滑部位 (Lubrication part)	润滑周期 (Lubrication cycle)	推荐润滑用油 (Recommended lubricating oil)
前叉合件 (Front fork assembly)	一年 (A year)	黄油 (锂基润滑脂) Butter (lithium grease)
前后轴 (Front and rear axles)	一年 (A year)	黄油 (锂基润滑脂) Butter (lithium grease)
中轴 (Central axis)	一年 (A year)	黄油 (锂基润滑脂) Butter (lithium grease)
脚踏轴 (Pedal shaft)	一年 (A year)	黄油 (锂基润滑脂) Butter (lithium grease)
链轮 (Sprocket)	一周 (A week)	润滑油 (Lubricating oil)
链条 (chain)	一周 (A week)	润滑油 (Lubricating oil)
飞轮内部 (Inside the flywheel)	一月 (one month)	润滑油 (Lubricating oil)
刹车手柄 (Brake handle)	一月 (one month)	润滑油 (Lubricating oil)

6. 故障排除说明

Troubleshooting instructions

一、仪表错误代码 (Instrument error code)

错误代码定义表 (Error code definition table)

故障代码 (fault code)	故障名称 (fault name)	故障代码 (fault code)	故障名称 (fault name)
E001	控制器故障 (controller failure)	E004	转把故障 (handle failure)
E002	通信故障 (communication failure)	E005	刹把故障 (brake handle failure)
E003	霍尔故障 (Hall fault)	E006	电机故障 (motor failure)

根据故障代码，检查相应线路连接线，有无故障破损。According to the fault code, check the connecting line of the corresponding line to see if it is damaged.

二、整车接线图 (Vehicle line diagram)

