

2027 PRODUCT CATALOGUE

电动摩托车
整车配套产品目录

E-MOTORCYCLE SYSTEM COMPONENTS

油门转把 | HMI 仪表 | 高性能制动 | 灯光系统

面向越野电摩 / 整车厂 / 电驱系统方案商

STAR UNION

GLOBAL FOOTPRINT



Domestic Customers
国内客户
380+

Overseas Customers
海外客户
157+



Global After-sales Sites
全球售后中心

Jiande Wuxing Bicycle Co., Ltd.【Group】建德市五星车业有限公司（总公司）
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ADD: No.1, Zhongyue Road, Chengnan Industrial district,Meicheng town,Jiande City,Zhejiang Province.China
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Zhejiang Office 浙江办事处
地址：浙江省永康市黄城里 15 街 37 号
ADD: No. 37, 15th Street, Huangchengli, Yongkang City, Zhejiang Province.China
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Jiangsu Office 江苏办事处
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ADD: No. 20, Langxia Xiwan Road, Yangjian Town, Xishan District, Wuxi City, Jiangsu Province.China
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Tianjin Office 天津办事处
地址：天津市北辰区津永公路津峰标准件厂（五星仓库）
ADD: Jinfeng Standard Parts Factory,Jinyong Road, Tianjin Beichen District , Wuxing Warehouse.China
TEL : 86-13612184216　　ZIP : 300401

Guangdong Office 广东办事处
地址：广东省东莞市长安镇东门中路鑫伟润工业园 A 栋 1 楼
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Taiwan Office 臺灣辦事處
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TEL: Cash (+17865783570)
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Am Sägewerk 1 | 55124 | Mainz | Germany
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COMPANY PROFILE

- Established in 1985, entered bicycle industry in 1992.
- Engaged in design, manufacturing and marketing of electric bicycle parts and components since 1997.
- "Star Union" established in 2010 as independent high-end business division with specialized teams for research, marketing and production.
- Two manufacturing bases, rour brands, over 1200 employees.
- Products include electric bicycles, mini e-scooters, GB e-bikes, and electric motorcycles.
- Over 300 patented inventions.

- 成立于 1985 年，1992 年进军自行车领域。
- 1997 年专注于电动自行车零部件的设计研发、生产制造与营销。
- 2010 年成立高端事业部，完全独立的研产销团队、全新优化的配套体系，以欧美标准为定位服务于一线品牌。
- 两大制造基地，四大品牌，员工 1200 余人。
- 产品包括电动助力自行车、迷你电动滑板车、国标电动自行车、电动自行车、摩托车。
- 300 多项专利发明。

E.E.E
Ebike E-components Expert

DECLARATION OF CONFORMITY

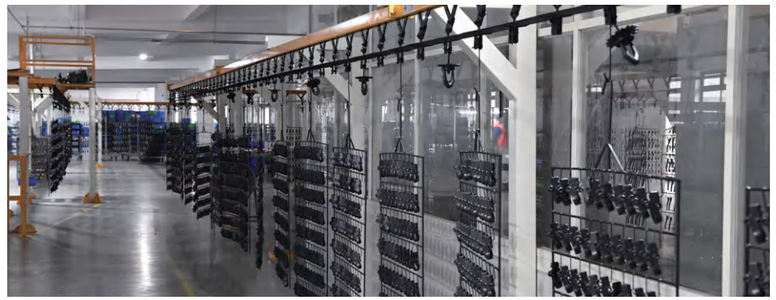
- Complies with CQC, RoHS, CCC, CE, ECE R149/R148, German road traffic permit regulations.
- Ability to carry out testing services and independent products in accordance with accreditation criteria and capabilities.
- Products include Hall handles, grips, electric controllers, brake levers, meters, headlights, taillights, and motors.
- Some national standard headlights, taillights, and motors have obtained 3C certification.
- Mid-mounted motor, Topology display instruments, headlights, and taillights have obtained CE certification.

- 符合中国质量认证中心 CQC 认证；针对由欧盟实施的《电气电子设备中限制使用某些有害物质指令》RoHS 指令；符合 RoHS 标准的产品有霍尔转把、电控器、液压刹把、仪表、车灯。
- 符合国家强制性安全 CCC 认证；目前部分国标车灯、尾灯、已获得 3C 认证。
- 获得由欧盟指定机构的 CE 认证证书、目前中置电机、Topology 显示仪表、车前灯、尾灯已获得 CE 认证；车灯及反光片产品，符合欧盟指令 前灯 ECE R149、信号灯 R148 认证要求；前灯、尾灯或反光片符合德国道路交通许可规范。















BRAND ADVANTAGES

品牌优势

Outstanding Development Capabilities
出色的研发能力

40 years of profound technical expertise combined with a top-tier R&D team composed of numerous PhDs.

40 年深厚的技术积累，结合众多博士组成的顶级研发团队。

Management System
管理体系

Passed CCC, E-MarK, CE, K-MarK, RoHs, EN15194 and other product certifications and ISO9001-2015 and other management system certifications.

通过 CCC 、E-MarK、CE 、K-MarK 、 RoHS、EN15194 等产品认证及 ISO9001-2015 等管理体系认证。

Lean Digital Manufacturing
精益数智化制造

Implement digital upgrades, promote CNC automated precision manufacturing and intelligent testing equipment, and achieve comprehensive improvement of factory intelligence.

实施数字化升级，推进 CNC 自动化精密制造和智能检测设备，实现工厂智能化的全面提升。

A Strong Engineering Team
强大的工程师团队

A strong team of approximately 150 engineers, covering mechanical engineering, electronic hardware, electronic software, optics, motor design, industrial design, and process engineering.

约 150 人的强大工程师团队，涵盖机械工程、电子硬件、电子软件、光学、电机设计、工业设计、工艺工程等领域。

Manufacturing Capabilities and Scale
强大的自主生产能力与规模

Covering aluminum die-casting, plastic and rubber injection molding, automatic polishing, painting, powder coating, mold manufacturing, and automated assembly.Strong in-house manufacturing capabilities and scale. Covering aluminum die-casting, plastic and rubber injection molding, automatic polishing, painting, powder coating, mold manufacturing, and automated assembly.

涵盖：铝压铸、塑料及橡胶注塑、自动抛光、喷涂、喷塑、模具制造及自动化组装。

Global Patents
全球专利

It has more than 300 patents for inventions, utility models, and appearance. Its product design and quality are far ahead of domestic competitors.

拥有发明、实用新型、外观等专利 300 余项。产品设计与品质遥遥领先于国内竞争厂商。

Manufacturing and Quality
制造与品控

The core components of highly integrated automation equipment are all independently processed Full-level inspection and quality control/ PLM system tracking

高集成度自动化设备核心部件均为自主加工
全工序级别的全检品控 /PLM 系统追踪。

PRODUCT PORTFOLIO STRUCTURE

产品目录结构

从整车需求出发，覆盖驾驶控制、人机交互、制动安全与照明灯光四大系统。

Starting from complete-vehicle requirements, covering four key systems: riding control, HMI, braking safety, and lighting.

01 应用场景 APPLICATION SCENARIOS

越野 / 城市运动 / 智能出行 / 特殊应用

Off-Road / Urban Mobility / Smart Mobility / Special Applications

02 定制开发 CUSTOM DEVELOPMENT

从样品验证到批量供应的项目协同

Project Collaboration from Sample Validation to Mass Production

03 HMI 仪表 HMI DISPLAY

TFT / LCD / CAN / UART / UI 定制

TFT / LCD / CAN / UART / Custom UI

04 转把与开关 THROTTLES & SWITCHES

双霍尔油门 / 多功能开关 / 线束定制

Complete vehicle peripheral solutions beyond the powertrain system

05 中控控制器 VEHICLE CONTROL UNIT (VCU) (NON-POWER CONTROL)

专为电动摩托车设计

Specially designed for electric motorcycles

06 液压制动 HYDRAULIC BRAKING

四活塞 / 六活塞 / 高热稳定制动平台

4-Piston / 6-Piston / High-Thermal-Stability Braking Platform

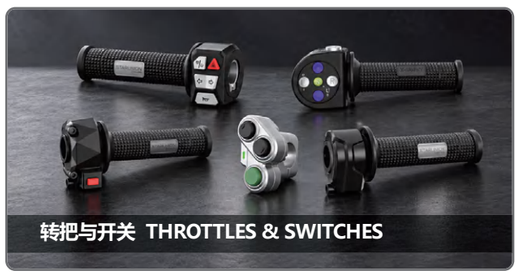
07 照明灯光 LIGHTING SYSTEMS

前灯 / 尾灯 / 转向灯

Headlights / Taillights / Turn Signals



HMI 仪表 HMI DISPLAY



转把与开关 THROTTLES & SWITCHES



液压制动 HYDRAULIC BRAKING



照明灯光 LIGHTING SYSTEMS

VEHICLE APPLICATION SCENARIOS

车型应用场景

围绕不同车辆定位，以产品组合方式完成驾驶控制、人机交互、制动安全与照明灯光四大系统匹配。

Starting from complete-vehicle requirements, covering four key systems: riding control, HMI, braking safety, and lighting.



HIGH PERFORMANCE OFF-ROAD

高性能越野

适用于大功率、高负载、复杂路况

Designed for high-power, high-load applications and challenging terrain.



PREMIUM SPORT

高端运动

注重外观、人机交互与灯光安全

Focused on styling, human-machine interaction, and lighting safety.



URBAN COMMUTING

城市通勤

关注整车信息、控制体验与稳定性

Focused on vehicle information, control experience, and overall stability.

HIGH-PERFORMANCE OFF-ROAD E-MOTORCYCLE SOLUTION

高性能越野电摩配套方案

围绕驾驶、人机交互、制动与灯光形成协同匹配

Integrated solutions across riding control, HMI, braking, and lighting systems.



驾驶控制系统
RIDE CONTROL SYSTEM



转把 / 开关

Throttle / Switches

HMI 信息系统
HMI INFORMATION SYSTEM



仪表：CAN / UART / 状态显示

Display: CAN / UART / Status Display

高性能制动系统
HIGH-PERFORMANCE BRAKING SYSTEM



液压碟刹：四活塞 / 六活塞

Hydraulic Disc Brakes: 4-Piston / 6-Piston

灯光系统
LIGHTING SYSTEM



前灯 / 转向灯

Headlight / Turn Signals

电摩中控控制器
ELECTRIC MOTORCYCLE VEHICLE CONTROL UNIT (VCU) (NON-TRACTION CONTROL)



车灯、喇叭、开关的控制

Vehicle Light, Horn, and Switch Control

刹车警示灯
BRAKE WARNING LIGHT



尾灯

Taillight

VEHICLE INTEGRATION & CUSTOM DEVELOPMENT CAPABILITIES

整车配套与定制开发能力

从产品到整车项目协同，支持接口、结构、功能与批量交付。

From product development to complete vehicle project collaboration, supporting interface definition, product structural design, functional design, and mass production delivery.

01 需求定义
CUSTOMER REQUIREMENTS

车型定位 / 功能需求

Customer Requirements for Vehicle Positioning and Functions

02 产品选型
PRODUCT SELECTION

转把 / 仪表 / 液压碟刹 / 灯光

Throttle / Display / Hydraulic Disc Brakes / Lighting

03 接口匹配
INTERFACE MATCHING

电压 / 接插件 / 线束长度

Voltage / Connectors / Wiring Harness Length

04 功能定制
FUNCTION CUSTOMIZATION

05 样品验证
SAMPLE VALIDATION

装车测试 / 反馈优化

Vehicle Installation Testing / Feedback & Optimization

06 批量供应
VOLUME SUPPLY

稳定交付 / 持续支持

Reliable Delivery / Ongoing Support

定制方向
CUSTOMIZATION OPTIONS

- 可根据客户需求提供定制化解决方案
- Customized Solutions Available Based on Customer Requirements

SMART HMI DISPLAY SOLUTION FOR ELECTRIC MOTORCYCLES

电摩智能 HMI 显示方案

仪表作为整车信息入口，支持通讯、状态显示与 UI 定制。

The display serves as the vehicle's information interface, supporting communication, status visualization, and UI customization.



显示与通讯能力

- TFT / LCD 多规格显示平台
- CAN / UART 通讯支持，便于整车数据接入
- 电池信息、故障报警、骑行模式、灯光状态显示
- 可根据客户整车 UI 与协议需求进行适配

DISPLAY & COMMUNICATION CAPABILITIES

- TFT / LCD Display Platforms in Multiple Sizes and Specifications
- CAN / UART Communication Support for Easy Vehicle Data Integration
- Battery Information, Fault Alerts, Riding Modes, and Lighting Status
- Adaptable to Customer-Specific Vehicle UI and Communication Protocol Requirements

DZ58

NEW



3.99"TFT screen(960*400 pixels)

Full-screen design

Simple style,slim design

In-Cell Full Lamination Screen Technology

Customized special support structure

尺寸 / Size	L 52.5mm W 116mm H 21.3mm	电流 /Current	12mA
重量 /Weight	100g	防水 /Waterproof	IPX6
材料 /Material	ABS/PA	认证 /Cerifications	RoHS/CE
工作温度 /Operating Temperature	-20°C ~ 60°C	通讯方式 /Communication	CAN
显示类型 / Display Type	3.99"TFT	显示信息 /Display Information	PAS level / speed / trip /ODO / light status
额定电压 / Nominal Voltage	DC 12V~85V		battery indicator /error alarm etc.



DZ58/3

NEW



- 3.99"VA screen(960*400 pixels)
- Full-screen design
- Simple style,slim design
- In-Cell Full Lamination Screen Technology
- Customized special support structure

尺寸 / Size	L52.5mm W116mm H21.3mm
重量 /Weight	100g
材料 /Material	ABS/PC
工作温度 /Operating Temperature	-20°C ~ 60°C
显示类型 / Display Type	3.99"VA
额定电压 / Nominal Voltage	DC 12V-85V
电流 /Current	12mA
防水 /Waterproof	IPX6
认证 /Cerifications	RoHS/CE
通讯方式 /Communication	CAN
显示信息 /Display Information	PAS Level/speed/trip/ODO/light status/ battery indicator/error alarm etc.



DZ52



- 3.5"TFT screen(320*480 pixels)
- Multi-angle install design
- Simple style,slim design
- Non-screw assembling craft
- BLE module optional
- Full-screen design
- USB Type-C charging function
- In-Cell Full Lamination Screen Technology

尺寸 / Size	L 65mm W 109mm H 28mm
重量 /Weight	100g
材料 /Material	ABS/PA
工作温度 /Operating Temperature	-20°C ~ 60°C
显示类型 / Display Type	3.5"TFT
额定电压 / Nominal Voltage	DC 12V~85V
显示信息 / Display Information	PAS Level/speed/trip/ODO/USB/light status / battery indicator /error alarm / walk etc.
电流 /Current	30mA /36V
防水 /Waterproof	IPX6
认证 /Cerifications	RoHS / CE
通讯方式 /Communication	UART/CAN
握把支架 /Handlebar for Holding	Ø 22.2/25.4/31.8
数据端口 /DataPort	Bluetooth(Optional)



DS103/2



- 3.5"TFT screen(320*480 pixels)
- Multi-angle install design
- Simple style,slim design
- Non-screw assembling craft
- BLE module optional
- Full-screen design
- USB Type-C charging function
- In-Cell Full Lamination Screen Technology

尺寸 / Size	L 72mm W 91mm H 47mm	Ⓐ 电流 /Current	30mA/36V
重量 /Weight	100g	防水 /Waterproof	IPX6
材料 /Material	ABS/PA	认证 /Cerifications	RoHS / CE
工作温度 /Operating Temperature	-20°C ~ 60°C	通讯方式 /Communication	UART/CAN
显示类型 / Display Type	3.5"TFT	握把支架 /Handlebar for Holding	Ø 22.2/25.4/31.8
额定电压 / Nominal Voltage	DC 12V~85V	数据端口 /DataPort	Bluetooth(Optional)
显示信息 / Display Information	PAS level / speed / trip /ODO / light status battery indicator /error alarm / walk etc.		



DZ60



- 3.5"TFT screen(320*480 pixels)
- Multi-angle install design
- Simple style,slim design
- Non-screw assembling craft
- BLE module optional
- Full-screen design
- USB Type-C charging function
- In-Cell Full Lamination Screen Technology

尺寸 / Size	L 51.7mm W 98.9mm H 24.7mm	Ⓐ 电流 /Current	30mA/36V
重量 /Weight	145g	防水 /Waterproof	IPX6
材料 /Material	ABS/PA	认证 /Cerifications	RoHS / CE
工作温度 /Operating Temperature	-20°C ~ 60°C	通讯方式 /Communication	UART/CAN
显示类型 / Display Type	3.5"VA	握把支架 /Handlebar for Holding	Ø 22.2/25.4/31.8
额定电压 / Nominal Voltage	DC 12V~85V	数据端口 /DataPort	Bluetooth(Optional)
显示信息 / Display Information	PAS level / speed / trip / ODO / USB / light status		



DZ43



- 3.2"VA multicolor full perspective segment
- Motocycle musle style
- USB charging function
- Light sensor

尺寸 / Size	L112mm W 102mm H 55mm	电流 /Current	42mA /36V
重量 /Weight	142g	防水 /Waterproof	IPX6
材料 /Material	ABS/PA	认证 /Cerifications	RoHS / CE
工作温度 /Operating Temperature	-20°C ~ 60°C	通讯方式 /Communication	UART/CAN
显示类型 / Display Type	3.5"VA	握把支架 /Handlebar for Holding	Ø 22.2/25.4/31.8
额定电压 / Nominal Voltage	DC 12V~85V	数据端口 /DataPort	Bluetooth(Optional)
显示信息 / Display Information	Speed / trip /ODO/USB/reset distance S.T. /light status / battery indicator /error alarm / walk etc.		



DZ59



- 1.37"TFT screen(161*320 pixels)
- In-Cell Full Lamination Screen Technology
- Simple style,slim design
- USB Type-C charging function

尺寸 / Size	L 38.3mm W 64mm H 42.9mm	电流 /Current	30mA/36V
重量 /Weight	40g	防水 /Waterproof	IPX6
材料 /Material	ABS/PA	认证 /Cerifications	RoHS / CE
工作温度 /Operating Temperature	-20°C ~ 60°C	通讯方式 /Communication	UART/CAN
显示类型 / Display Type	1.37"TFT	握把支架 /Handlebar for Holding	Ø 22.2
额定电压 / Nominal Voltage	DC 12V~85V	数据端口 /DataPort	Bluetooth(Optional)
显示信息 / Display Information	PAS level / speed / trip /ODO / USB/light		



DZ50



2" Display screen(320*240pixels),TFT

In-Cell Full Lamination Screen Technology

3 Hard plastic buttons

尺寸 / Size	L 45mm W 56mm H 44mm
重量 /Weight	73g
材料 /Material	PC/ABS
工作温度 /Operating Temperature	-20°C ~ 60°C
显示类型 / Display Type	2" TFT
额定电压 / Nominal Voltage	DC 12V~85V
显示信息 / Display Information	PAS Level / Speed / Battery Indicator / Light status / Error Alarm / Walk etc.
电流 /Current	18mA~25mA /36V
防水 /Waterproof	IPX6
认证 /Cerifications	RoHS / CE
通讯方式 /Communication	UART/CAN
握把支架 /Handlebar for Holding	Ø 22.2
数据端口 /DataPort	Bluetooth(Optional)



SW102/T



1.37"TFT screen (161*320 pixels)

4 Hard buttons

With 2.5D shape craft

Non-screw assembling craft

尺寸 / Size	L 70mm W 25mm H 42mm
重量 /Weight	31g
材料 /Material	ABS/PA
工作温度 /Operating Temperature	-20°C ~ 60°C
显示类型 / Display Type	1.37"TFT
额定电压 / Nominal Voltage	DC 12V~85V
显示信息 / Display Information	PAS level / speed / trip / ODO / light status battery indicator / error alarm / walk etc.
电流 /Current	12mA/36V
防水 /Waterproof	IPX6
认证 /Cerifications	RoHS / CE
通讯方式 /Communication	UART/CAN
握把支架 /Handlebar for Holding	Ø 22.2
数据端口 /DataPort	Bluetooth(Optional)



ELECTRIC MOTORCYCLE THROTTLE GRIP SOLUTION

电摩油门转把方案

油门转把 + 多功能开关，提升驾驶控制精度与车把区域整合度。

Throttle Grip + Multifunction Switches for enhanced riding control precision and greater handlebar integration.



产品优势

- 双霍尔精准控制，提升油门安全性
- 车把区域一体化设计，提升整车高级感
- 按键功能、线束长度、接插件支持定制

PRODUCT ADVANTAGES

- Dual Hall sensor control for precise throttle operation and enhanced safety
- Integrated handlebar-area design for a cleaner, more premium vehicle appearance
- Customizable button functions, wiring harness lengths, and connectors

EA300R+HT530

NEW



- 采用优质合金原材料 及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 铝合金固定环锁紧结构，操作便捷
- 达到 IPX6 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Aluminum handlebar clamping loop with firm locking performance
- Achieve IPX6 waterproof capability
- Material environmental protection, RoHS certification

标准 /Approval	RoHS / REACH	芯线 /Wiring	7 Core cable
尺寸 /Size	L181mm W81mm H68mm	开关电流 / 电压 / Voltage	12V/50mA
重量 /Weight	180g	工作温度 /Operating Temperature	-25℃～ 65℃
防水 /Waterproof	IPX6	电线拉脱力 /Wire Tension	≥130N
材料 /Material	PC+ABS	耐久性 /Durability	100,000 mating cycle

EA300L+T530

NEW



- 采用优质合金原材料 及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 铝合金固定环锁紧结构，操作便捷
- 达到 IPX6 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Aluminum handlebar clamping loop with firm locking performance
- Achieve IPX6 waterproof capability
- Material environmental protection, RoHS certification

标准 /Approval	RoHS / REACH	芯线 /Wiring	4 Core cable
尺寸 /Size	L61mm W81mm H68mm	开关电流 / 电压 / Voltage	12V/50mA
重量 /Weight	105g	工作温度 /Operating Temperature	-25℃～ 65℃
防水 /Waterproof	IPX6	电线拉脱力 /Wire Tension	≥130N
材料 /Material	PC+ABS	耐久性 /Durability	100,000 mating cycle

EA200



IPX7
Waterproof ability

Excellent waterproof performance
for riding in various scenes

DUAL HALLS WITH STABLE QUALITY

Industrial grade twist accuracy
with Bering structure

EA200.R+HT530



双霍尔掉地为零设计，保护行车安全；轴承结构，工业级的回转精度；人体工程设计，操作更舒适；转把的使用寿命大于 15 万次；达到 IPX7 级防水性能；硅胶把套，触感更好；EMC 电磁兼容性设计，电磁环境可靠运行；

Safety Dual Hall sensors designing and Runaway Prevention Technology; Industrial grade twist accuracy with Bering structure; Ergonomic design for more comfortable operation; Service life≥150,000times; IPX7 waterproof ability; Silicon grip with soft hand feeling; EMC electromagnetic compatibility design, reliable operation in electromagnetic environment .

标准 /Approval	RoHS / EMC / GB	电压 /Voltage	5V
尺寸 /Size	L153.6mm W68mm H58mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	140g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX7	旋转角度 /Rotation Angle	0° ～ 70°
材料 /Material	Silicon (TPE)+PC/ABS	扭转强度 /Spin Intensity	≥9N.m
芯线 /Wiring	12 Core/8 Core cable	耐久性 /Durability	150,000 mating cycle

EA200.L+T530



采用优质合金原材料及电子元件，保证质量；开关手感轻盈舒适，按键功能可按需定制；达到IPX7级防水能力；把套材质可选（硅胶、TPE）；材料环保，RoHS认证。

High-quality alloy raw materials and electronic components to ensure quality; Simple structure, reliable process, and stable performance; Light feeling and comfortable,Customized buttons; Achieve IPX7 waterproof capability; Material environmental protection, RoHS certification.

标准 /Approval	RoHS / EMC / GB	电流 /Current	12V/50mA
尺寸 /Size	L153mm W68mm H58mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	110g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX7	车把尺寸 /Handlebar size	Φ22.2
材料 /Material	Silicon(TPE)	耐久性 /Durability	150,000 mating cycle
芯线 /Wiring	4 Core /8 core wire		

THROTTLE TLES

E100X/4



IPX7
Waterproof ability
Excellent waterproof performance for riding in various scenes

DUAL HALLS WITH STABLE QUALITY
Industrial grade twist accuracy with Bering structure

T530



E100X/4+HT530



FEATURES

- 采用优质合金原材料 及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 双霍尔掉地为零设计，保护行车安全
- 右手转把内置轴承，功能稳定舒适
- 达到 IPX7 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Safety Dual Hall sensors designing and Runaway Prevention Technology
- The right-hand handle has a built-in bearing, which provides stable and comfortable functionality
- Achieve IPX7 waterproof capability
- Material environmental protection, RoHS certification

标准 /Approval	RoHS / REACH	电压 /Voltage	5V
尺寸 /Size	L160mm W65.1mm H78.5mm	工作温度 /Operating Temperature	-25℃～65℃
重量 /Weight	195g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX7	车把尺寸 /Handlebar size	Φ22.2
材料 /Material	Silicon(TPE)+ADC12	旋转强度 /Spin Intensity	≥9N.m
芯线 /Wiring	5 core cable	耐久性 /Durability	150,000 mating cycle

THROTTLE

E106X



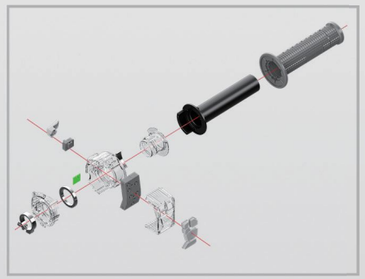
IPX7
Waterproof ability

Excellent waterproof performance
for riding in various scenes



Built-in bearing

Which provides stable and
comfortable functionality



T530



E106X+HT530





可选配 T530/2 通孔版

FEATURES

- 采用优质合金原材料 及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 双霍尔掉地为零设计，保护行车安全
- 右手转把内置轴承，功能稳定舒适
- 达到 IPX7 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Safety Dual Hall sensors designing and Runaway Prevention Technology
- The right-hand handle has a built-in bearing, which provides stable and comfortable functionality
- Achieve IPX7 waterproof capability
- Material environmental protection, RoHS certification

标准 /Approval	RoHS / REACH	电压 /Voltage	5V
尺寸 /Size	L158mm W50mm H61mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	157g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX7	车把尺寸 /Handlebar size	Φ22.2
材料 /Material	Silicon (TPE)+ADC12	旋转强度 /Spin Intensity	≥9N.m
芯线 /Wiring	4 core /6 core cable	耐久性 /Durability	100,000 mating cycle

T572



E106X/2+HT572





可选配 T530/2 通孔版

FEATURES

- 采用优质合金原材料 及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 双霍尔掉地为零设计，保护行车安全
- 右手转把内置轴承，功能稳定舒适；
- 达到 IPX7 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Safety Dual Hall sensors designing and Runaway Prevention Technology
- The right-hand handle has a built-in bearing, which provides stable and comfortable functionality;
- Achieve IPX7 waterproof capability
- Material environmental protection, RoHS certification

标准 /Approval	RoHS / REACH	电压 /Voltage	5V
尺寸 /Size	L136mm W50mm H61mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	141g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX7	车把尺寸 /Handlebar size	Φ18
材料 /Material	Silicon (TPE)+ADC12	旋转强度 /Spin Intensity	≥9N.m
芯线 /Wiring	4 core /6 core cable	耐久性 /Durability	100,000 mating cycle

E110X

客户定制
Custom Solutions



- 采用优质合金原材料及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 铝合金固定环锁紧结构，操作便捷
- 达到 IPX6 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Aluminum handlebar clamping loop with firm locking performance
- Achieve IPX6 waterproof capability
- Material environmental protection, RoHS certification

标准 /Approval	RoHS / REACH	芯线 /Wiring	4 Core cable
尺寸 /Size	L61mm W81mm H68mm	开关电流 / 电压 / Voltage	12V/50mA
重量 /Weight	105g	工作温度 /Operating Temperature	-25℃～ 65℃
防水 /Waterproof	IPX6	电线拉脱力 /Wire Tension	≥130N
材料 /Material	PC+ABS	耐久性 /Durability	100,000 mating cycle

EDK200L/R



客户定制

Custom Solutions

- 采用优质合金原材料及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 开放式锁紧结构，操作便捷
- 开关手感清脆舒适，按键功能可按需定制
- 达到 IPX6 级防水能力
- 材料环保，RoHS 认证

- High-quality CNC alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Open locking structure, easy to operate
- Light feeling and comfortable,Customized buttons
- Achieve IPX6 waterproof capability
- Material environmental protection, Rosh certification

标准 /Approval	RoHS / REACH	开关电流 / 电压 /Voltage	12V/50mA
尺寸 /Size	L63mm W40mm H58mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	90g	电线拉脱力 /Wire Tension	≥60N
防水 /Waterproof	IPX6	车把尺寸 /Handlebar size	Φ22.2
材料 /Material	Aluminum alloy + ABS	耐久性 /Durability	100,000 mating cycle
芯线 /Wiring	4 core /7 core cable		

EDK100



客户定制

Custom Solutions

- 采用优质合金原材料及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 开放式锁紧结构，操作便捷
- 开关手感清脆舒适，按键功能可按需定制
- 达到 IPX6 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Open locking structure, easy to operate
- Light feeling and comfortable,Customized buttons
- Achieve IPX6 waterproof capability
- Material environmental protection, Rosh certification

标准 /Approval	RoHS / REACH	开关电流 / 电压 /Voltage	12V/50mA
尺寸 /Size	L55mm W35mm H68mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	65g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX6	车把尺寸 /Handlebar size	Φ22.2
材料 /Material	PC+ABS	耐久性 /Durability	100,000 mating cycle
芯线 /Wiring	9 core cable		

DK558





客户定制

Custom Solutions

- 采用优质合金原材料及电子元件，保证质量
- 结构简单、工艺可靠、性能稳定
- 开放式锁紧结构，操作便捷
- 开关手感清脆舒适，按键功能可按需定制
- 达到 IPX6 级防水能力
- 材料环保，RoHS 认证

- High-quality alloy raw materials and electronic components to ensure quality
- Simple structure, reliable process, and stable performance
- Open locking structure, easy to operate
- Light feeling and comfortable,Customized buttons
- Achieve IPX6 waterproof capability
- Material environmental protection, Rosh certification

标准 /Approval	RoHS / REACH	开关电流 / 电压 /Voltage	12V/50mA
尺寸 /Size	L57mm W52mm H56mm	工作温度 /Operating Temperature	-25℃～ 65℃
重量 /Weight	48g	电线拉脱力 /Wire Tension	≥130N
防水 /Waterproof	IPX6	车把尺寸 /Handlebar size	Φ22.2
材料 /Material	PC+ABS	耐久性 /Durability	100,000 mating cycle
芯线 /Wiring	6 core cable		



EZK200

高性能电动车中控控制器，
专为电动摩托车设计

Electric Motorcycle Vehicle Control Unit (VCU),
Specially Designed for Electric Motorcycles.



整车功性能控制（动力除外）
Vehicle Function and Performance Control (Non-Power Control)

高性能处理器
High-performance Processor

192MHz 主频芯片，快速响应
192MHz main frequency chip for fast response

双 CAN 总线
Dual CAN Bus

支持手柄和控制器双路 CAN 通信，系统扩展性强，隔离性能优异
Supports dual-channel CAN communication for handles and controllers, featuring strong system scalability and excellent isolation performance.

智能灯光系统
Intelligent Lighting System

支持转向灯、双闪、远近光、氛围灯、呼吸灯等多种灯效
Compatible with multiple light effects including turn signals, hazard warning lights, high/low beams, ambient lights and breathing lights.

完善保护
Comprehensive Protection

电流检测、过流保护等安全机制
Current detection, overcurrent protection, and other safety mechanisms.

适配车型
Suitable for

越野电摩
Electric Dirt Bike





EZK100

高性能电动车中控控制器，
专为电动摩托车设计

Electric Motorcycle Vehicle Control Unit (VCU),
Specially Designed for Electric Motorcycles.



整车功性能控制（动力除外）
Vehicle Function and Performance Control (Non-Power Control)

高性能处理器
High-performance Processor

192MHz 主频芯片，快速响应
192MHz main frequency chip for fast response

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智能灯光系统
Intelligent Lighting System

支持转向灯、双闪、远近光、氛围灯、
呼吸灯等多种灯效
Compatible with multiple light effects including turn signals, hazard warning lights, high/low beams, ambient lights and breathing lights.

精准微电机控制
Precise Micro-motor Control

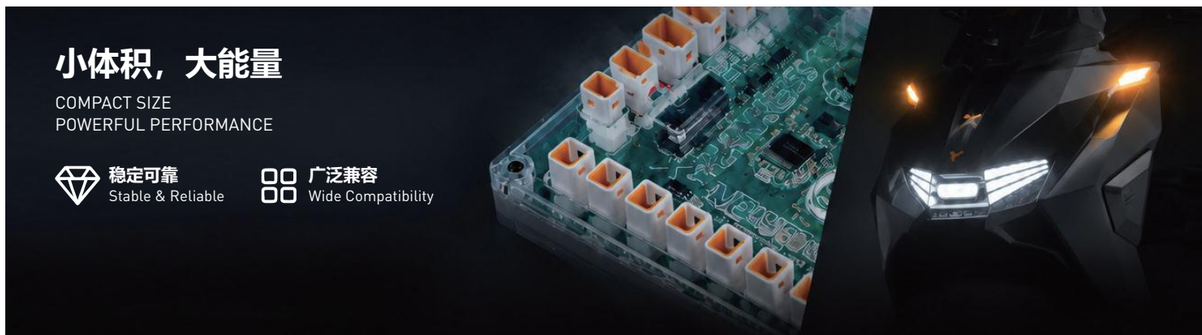
H 桥驱动，支持正反转、PWM 调速、刹车、
滑行模式
Adopts H-bridge drive, supporting forward/reverse rotation, PWM speed regulation, braking and coasting modes.

完善保护
Comprehensive Protection

电流检测、过流保护、微电机超时保护等多
重安全机制
Multiple safety mechanisms such as current detection, overcurrent protection and micro-motor overtime protection.

适配车型
Suitable for

城市通勤型电摩
Urban Commuter E-Motorcycle



HIGH-PERFORMANCE HYDRAULIC BRAKING SYSTEM FOR ELECTRIC MOTORCYCLES

高性能电摩液压制动系统

适用于高速、高负载与复杂路况的四 / 六活塞制动平台。

A 4-piston / 6-piston braking platform designed for high-speed, high-load applications and challenging road conditions.



产品优势

- 四活塞 / 六活塞高性能制动平台
- 锻造卡钳与更高热容量设计
- 支持厚刹车片与大尺寸碟盘应用
- 可选刹车断电信号，与电控系统联动

PRODUCT ADVANTAGES

- High-performance 4-piston / 6-piston braking platform
- Forged calipers with enhanced thermal capacity
- Supports thicker brake pads and large-diameter brake rotors
- Optional brake cut-off signal for integration with the electronic control system

222PYDJ/2 Max

E-Dirt Bike

DISC BRAKES

FEATURES

The six-piston caliper is designed for e-motorcycles, providing exceptional braking power that ensures outstanding performance in high-speed and complex road conditions, while also quickly responding to emergencies, greatly enhancing riding safety and stability.

- Caliper Model：KQ600
- Sight Glass
- Six piston forged caliper
- Caliper Mounting Hole Spacing 112mm
- Increased Brake Fluid Reservoir Capacity
- Ø 7mm Hose Mineral oil / Ø 7mm Hose DOT oil

- 卡钳型号：KQ600
- 视油窗
- 六活塞锻造卡钳
- 卡钳安装孔距 112mm
- 加大油杯容量
- Ø 7mm 油管矿物油 / Ø 7mm 油管 DOT 油

NEW





- Sight Glass
- 视油窗

222PYDJ/2 Pro

E-Dirt Bike

FEATURES

The four-piston caliper is designed for e-motorcycles, providing exceptional braking power that ensures outstanding performance in high-speed and complex road conditions, while also quickly responding to emergencies, greatly enhancing riding safety and stability.

- Caliper Model：KQ5402
- Sight Glass
- Mirror caliper
- 5mm Thickness pad
- Stronger braking force
- Electric cutoff switch option
- Ø 5mm Hose Mineral oil / Ø 7mm Hose DOT oil
- 2.3mm/3.0mm Thickness compatible disc design
- 19mm+21mm Four piston forged caliper

- 卡钳型号：KQ5402
- 视油窗
- 镜像卡钳
- 5mm 厚度来令片
- 更强制动力
- 断电功能可选
- Ø 5mm 油管矿物油 / Ø 7mm 油管 DOT 油
- 2.3mm/3.0mm 厚度碟盘兼容设计
- 19mm+21mm 四活塞锻造卡钳

NEW



DOT4

DOT oil version
DOT 油版本







ELECTRIC MOTORCYCLE LIGHTING SOLUTION

电摩灯光方案

前灯 + 后尾灯 + 转向灯
Headlight + Taillight + Turn Signals



灯光系统

- 前灯支持远光 / 近光 / 位置灯配置
- 尾灯支持位置灯、刹车灯、转向灯方案
- E-Mark 认证与 IP 防水设计，适应出口项目需求
- 可根据整车电压与安装结构进行匹配

LIGHTING SYSTEM

- Headlight supports high beam / low beam / position light configurations
- Taillight supports position light, brake light, and turn signal functions
- E-Mark certification and IP-rated waterproof design to meet export market requirements
- Customizable to match vehicle voltage and mounting requirements

QD638

NEW

3C 认证



E-mark DOT

QD638 是一款前位置灯和近远光灯的多功能大灯，符合 ECE 、DOT、 3C 法规，适用于电轻摩车型，全铝后壳，IPX5 防水等级，性能稳定。

The QD638 is a multifunctional headlight designed for front position and low/high beams, complying with ECE, DOT, and 3C regulations. It is suitable for electric light motorcycle models, featuring an all-aluminum rear housing, IPX5 waterproof rating, and stable performance.

标准 / Approval	ECE Class B / DOT / 3C
尺寸 / Size	L118mm W76.5mm H84.5mm
重量 / Weight	280g
芯线 / Wiring	4 Pins
防水 / Waterproof	IPX5
标称电压 / Nominal Voltage	DC 12V
中心照度 / Center Luminance	近光灯 Low beam: 120LUX 远光灯 High beam:290LUX
光源类型 / Light Source	LED
功率 / Power	位置灯 Position beam: 2W；近光灯 Low beam: 6W；远光灯 High beam: 6W



QD672

NEW



ECE E-mark DOT

符合 ECE ClassC 法规，是一款带位置灯、近光灯、远光灯的多功能大灯，采用优质 LED 光源和全铝外壳，保证亮度的同时满足 LED 的散热需求。

Compliant with ECE Class C regulations, it is a multifunctional headlight with position lights, low beams, and high beams, using high-quality LED light sources and an all-aluminum housing to ensure brightness while meeting the heat dissipation requirements of LEDs.

标准 / Approval	ECE ClassC / DOT
尺寸 / Size	L142mm W44mm H64mm
重量 / Weight	278g
芯线 / Wiring	4 Pins
防水 / Waterproof	IPX6
标称电压 / Nominal Voltage	DC 12V
中心照度 / Center Luminance	近光灯 Low beam:90LUX ； 远光灯 High beam： 290LUX
光源类型 / Light Source	LED
功率 / Power	近光 Low beam: 12W ； 远光 High beam: 6W ； 位置灯 Position beam:1.8W



QD560



ECE E-mark CE

高精度矩阵式三联透镜设计，近光 + 远光；高强度铝材鳞片式散热设计；采用进口驱动芯片，输入电压范围可达 12-60V；硬朗的外形设计适合越野车型；IPX5 防水等级认证，密封防水结构 性能稳定。

Three high precision matrix lens low beam+high beam； Strong aluminum shell scalelike thermal design； Imported light driven chips Input range is 12-60V; Advanced and strong appearance suitable for ATV bikes； IPX5 waterproof ability sealed waterproof structrure with stable performance。

标准 / Approval	ECE classC / CE
尺寸 / Size	L110mm W65mm H68mm
重量 / Weight	400g
芯线 / Wiring	3 Pins
防水 / Waterproof	IPX5
标称电压 / Nominal Voltage	DC 12-48V / 72V
中心照度 / Center Luminance	近光灯Low beam: 60LUX / 远光灯High beam:270LUX
光源类型 / Light Source	LED
功率 / Power	近光 Low beam: 9W; 远光 High beam:17W



QD563



E-mark ISO CE

符合 ECE ClassB 法规，是一款带位置灯、近光灯、远光灯的多功能大灯，采用优质 LED 光源和全铝外壳，保证亮度的同时满足 LED 的散热需求。

Compliant with ECE Class B regulations, it is a multifunctional headlight with position lights, low beams, and high beams, using high-quality LED light sources and an all-aluminum housing to ensure brightness while meeting the heat dissipation requirements of LEDs.

标准 / Approval	ECE classB / ISO / CE
尺寸 / Size	L132mm W70mm H54mm
重量 / Weight	340g
芯线 / Wiring	4 Pins
防水 / Waterproof	IPX5
标称电压 / Nominal Voltage	DC12-48V
中心照度 / Center Luminance	近光灯 Low beam:80LUX ； 远光灯 High beam： 220LUX
光源类型 / Light Source	LED
功率 / Power	近光 Low beam: 8W ； 远光 High beam: 9W ； 位置灯 Position beam:1W



WD330

3C 认证



StVZO ECE ISO CE

Stvzo E-mark ISO CE

外形迷你、精致，全铝外壳，全密封防水设计；可搭配 WD216-RR 反射器组件。

Mini and exquisite, full aluminum casing, fully sealed and waterproof design.WD216-RR reflector assembly is matchable.

标准 / Approval	StVZO / ECE / ISO / 3C / CE
尺寸 / Size	L62mm W34mm H16mm
重量 / Weight	70g
芯线 / Wiring	3 Pins
防水 / Waterproof	IPX5
装配螺钉间距 / Assemble Dimension	50mm
电压 / Voltage	DC 6-12V
光源类型 / Light Source	LED
可视角度 /Visual Angle	220°
显示效果 /Display Effect	常亮 NO
产品功能 /Function	位置灯Position lamp + 刹车灯Stop lamp
功率 / Power	位置灯Position lamp: 0.7W; 刹车灯Stop lamp: 3W





WD300

E-mark ISO CE

外观时尚，弯月形位置灯，美观同时提供优良警示作用；高亮度红色刹车灯，骑行更安全；全密封防水设计，更加安全可靠；集位置灯、刹车灯和牌照灯于一体。

Stylish appearance, meniscus-shaped position light, beautiful and provide excellent warning; High-brightness red brake light, safer riding; Fully sealed waterproof design, more secure and reliable; Set position light, brake light and license plate light in one.

标准 / Approval	ECE / ISO / CE
尺寸 / Size	L120mm W60mm H35mm
重量 / Weight	92g
芯线 / Wiring	3 Pins
防水 / Waterproof	IPX4
装配螺钉间距 / Assemble Dimension	50 / 80mm
电压 / Voltage	DC 12V / 36-48V
光源类型 / Light Source	LED
可视角度 /Visual Angle	220°
显示效果 /Display Effect	常亮 NO
产品功能 /Function	位置灯Position lamp + 刹车灯Stop lamp
功率 / Power	位置灯Position lamp: 3W; 刹车灯Stop lamp: 1.5W



WD400

E-mark ISO CE

外观时尚，"U" 形位置灯，美观同时提供优良警示作用；高亮度红色刹车灯，骑行更安全；全密封防水设计，更加安全可靠；集位置灯、刹车灯和牌照灯于一体。

Stylish appearance, "U" -shaped position light, beautiful and provide excellent warning effect; High-brightness red brake lights, safer riding ; Fully sealed waterproof design, more secure and reliable; Set position lights, brake lights, and license plate lights in one.

标准 / Approval	ECE / ISO / CE
尺寸 / Size	L142mm W50mm H35mm
重量 / Weight	107g
芯线 / Wiring	3 Pins
防水 / Waterproof	IPX4
装配螺钉间距 / Assemble Dimension	50 / 80mm
电压 / Voltage	DC 12V / 36-48V
光源类型 / Light Source	LED
可视角度 /Visual Angle	220°
显示效果 /Display Effect	常亮 NO
产品功能 /Function	位置灯Position light + 刹车灯Stop lamp
功率 / Power	位置灯Position light: 1.1W；刹车灯Stop lamp: 1.3W

WD305

3C 认证



集位置灯、刹车灯、牌照灯、后左右转向灯、轻摩尾牌支架于一体；组合灯采用无引线设计，整体简洁实用。

Integrates the position light, brake light, license plate light, left and right rear turn signals, and moped rear license plate bracket into one unit. The combination lamp features a lead-wire-free design for a clean, practical overall appearance.

标准 / Approval	3C
尺寸 / Size	L258mm W171mm H70
重量 / Weight	299g
芯线 / Wiring	无引线 [5557 插件]
防水 / Waterproof	IPX5
标称电压 / Nominal Voltage	DC 12V
可视角度 / Visual Angle	>220°
装配螺钉间距 / Assemble Dimension	80mm
材质 / Material	PC(阻燃)、硅胶

ZXD007

转向灯

NEW

3C 认证



ZXD007（卡扣款）



ZXD007（螺纹款）

E-mark ISO 3C CE

标准 / Approval	ECE / ISO / 3C
尺寸 / Size	L104.5mm W16mm H17mm
重量 / Weight	20g
芯线 / Wiring	2 Pins
防水 / Waterproof	IPX5
材料 /Material	PC/ABS
标称电压 /Nominal Voltage	DC 12V
光源类型 /Light Source	LED
功率 / Power	1W
显示效果 /Display Effect	常亮 NO / 闪烁 Flash



前灯搭配转向灯安装状态
Installation status of headlights with turn signals

PZD001

NEW

3C 认证





PZD001

E-mark DOT

标准 / Approval	ECE / DOT / 3C	芯线 /Wiring	2 Pins
尺寸 / Size	L51.5mm W15.8mm H12.7mm	标称电压 /Nominal Voltage	DC 12V
材料 /Material	PC/ABS	光源类型 /Light Source	LED
重量 /Weight	6g	功率 / Power	1W
防水 / Waterproof	IPX5	显示效果 /Display Effect	常亮 NO



ZX367

CE

标准 / Approval	CE	芯线 /Wiring	2 Pins
尺寸 / Size	L132mm W25mm H37mm	标称电压 /Nominal Voltage	DC 48V
材料 /Material	PC/ABS	光源类型 /Light Source	LED
重量 /Weight	50g	功率 / Power	2W
防水 / Waterproof	IPX5	显示效果 /Display Effect	闪烁 Flash



ZX367-3L/R

CE

标准 / Approval	CE	芯线 /Wiring	2 Pins
尺寸 / Size	L132mm W25mm H37mm	标称电压 /Nominal Voltage	DC 12V
材料 /Material	PC/ABS	光源类型 /Light Source	LED
重量 /Weight	50g	功率 / Power	2W
防水 / Waterproof	IPX5	显示效果 /Display Effect	常亮 NO

关注我们

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