



# 轻型电动车连接器

LIGHT ELECTRIC VEHICLE CONNECTOR

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STZTZO

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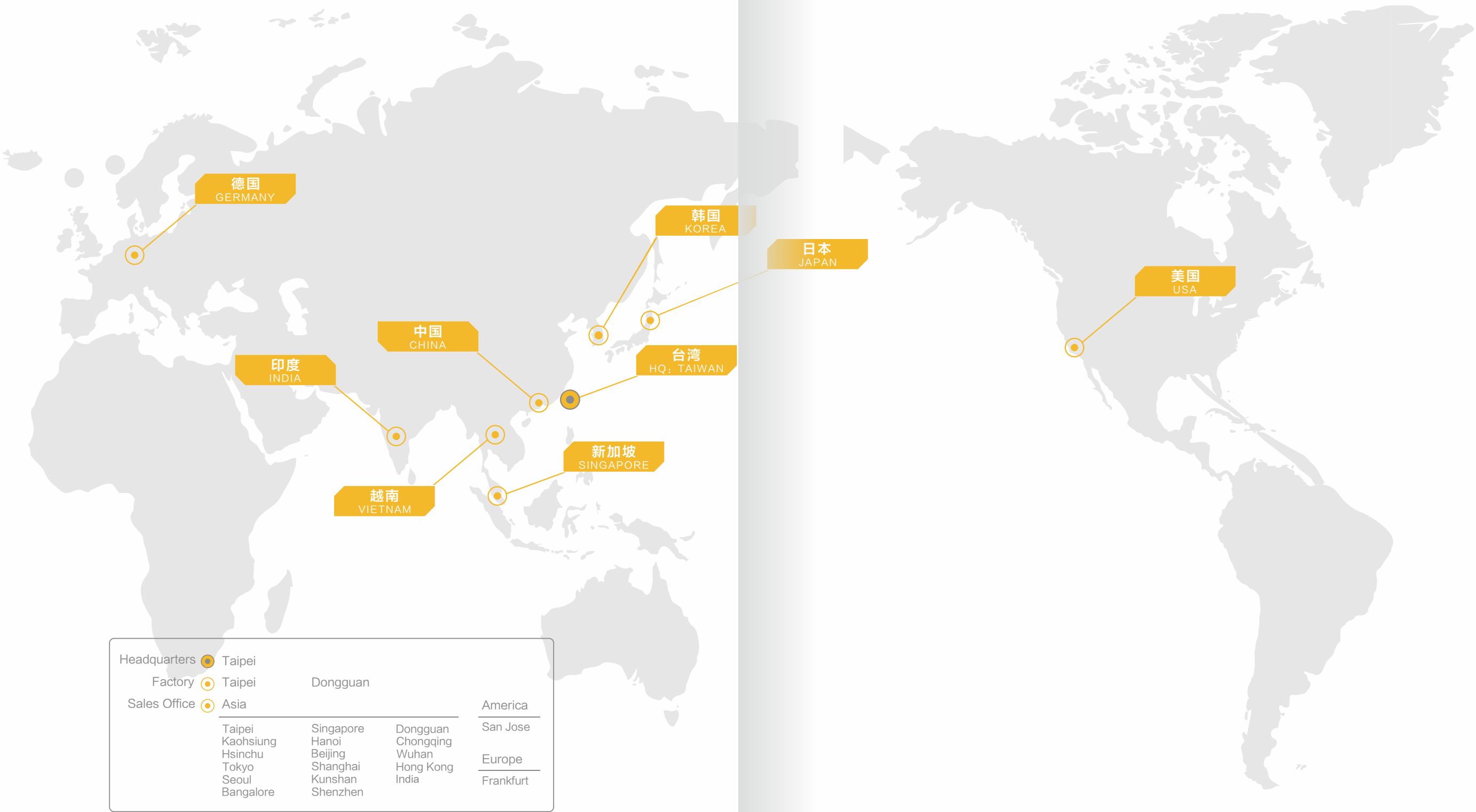
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# CCP





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## CORE COMPETENCE

### ◆ 研 发 RESEARCH AND DEVELOPMENT



### ◆ 制 造 MANUFACTURING



### ◆ CNAS实验室 CNAS LAB

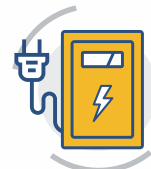


CNAS证书  
CNAS certificate



# 质 / 量 / 保 / 证 / 体 / 系 - 测 / 试

## QUALITY ASSURANCE SYSTEM - TEST



### ◆ 电气性能 ELECTRICAL PERFORMANCE

Contact Resistance Test (电阻测试)  
High Current Test 1000Amp (大电流测试)



### ◆ 机械/机构性能 MECHANICAL PERFORMANCE

Durability Test (寿命测试)  
Spring Force Test (弹力测试)  
Mechanical Shock (机械冲击测试)  
Random Vibration (振动测试)  
Bump Test (弹跳测试)  
Side Force (侧向力测试)



### ◆ 环境测试性能 ENVIRONMENTAL TESTING

Humidity Test (湿度环境测试)  
Salt Spray (盐雾测试)  
High Temperature Life (热静置测试)  
HNO3 Acid Test (硝酸测试)  
Water Proof Testing IPX5-7(防水测试)

测试



测试



测试



测试

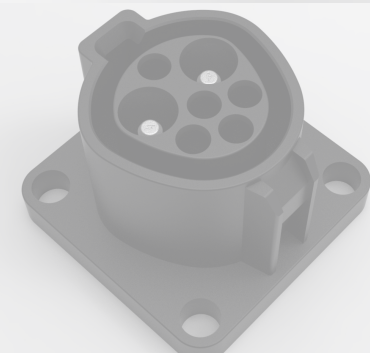
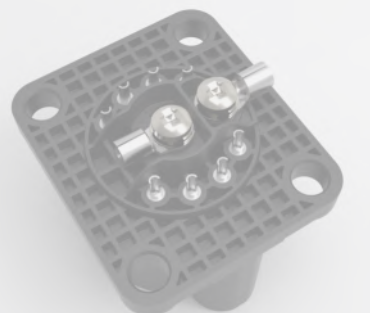
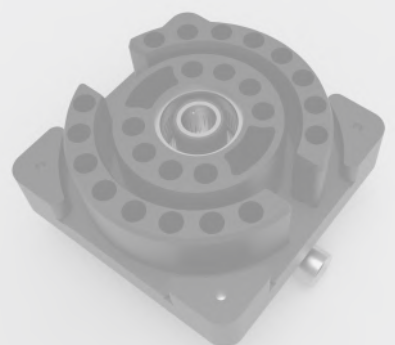
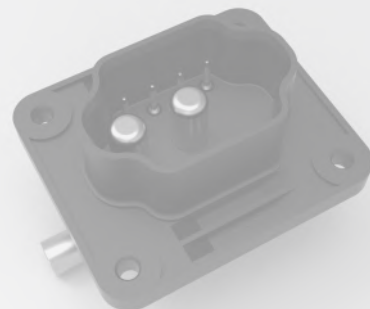
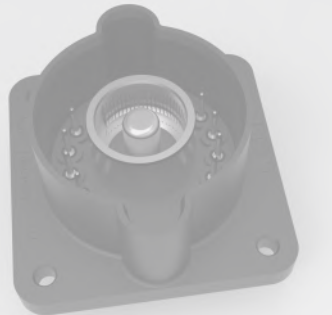
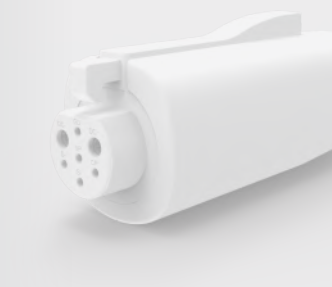
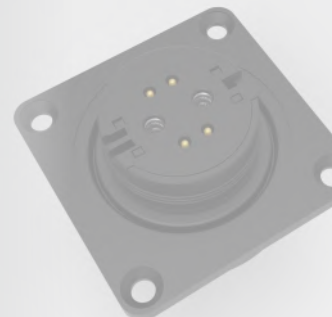
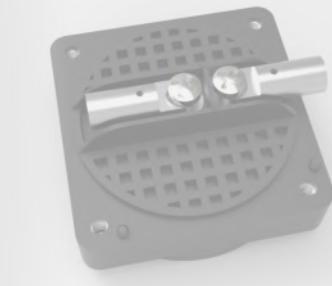
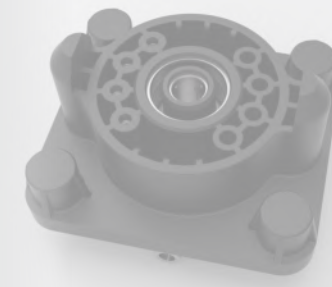
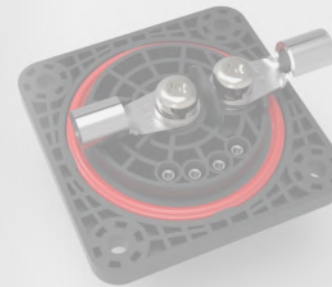
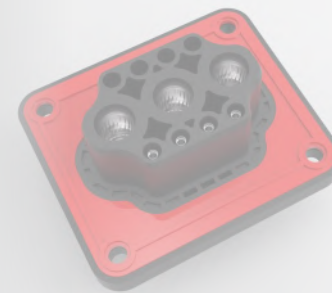


产 / 品 / 参 / 数

PRODUCT  
PARAMETERS

产 / 品 / 特 / 性

PRODUCT  
FEATURES



H3 P series

产品参数  
PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源  | Signal<br>信号 |
|-------------------------------|--------------|--------------|
| 端子数量<br>Number of contacts    | 2            | 4            |
| 额定电压<br>Rated voltage         | 100V DC      |              |
| 额定电流<br>Rated current         | 100A         | 3A           |
| 匹配线缆<br>Applicable wire       | 6AWG         | 20~22AWG     |
| 机械寿命<br>Mechanical operation  | 10000        |              |
| 防护等级<br>IP code               | IP67         |              |
| 防火等级<br>Flammability          | UL 94 V-0    |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max      | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 100MΩ@500VDC |              |
| 耐压<br>Dielectric strength     | 1000V AC     |              |
| 使用温度<br>Operation temperature | -40℃ ~ +85℃  |              |
| 插入角度<br>Insertion angle       | 0° and 180°  |              |

产品特性  
PRODUCT FEATURES

- ◆ 适用电摩电池换电系统，电源同轴匹配4个信号（4代），带导向设计浮动插入，电流更大，输出效率更高。  
Apply for battery swapping system. Co-axial power and 4 signal contacts. Guide pillar and floating design. Higher current and output efficiency.



H3 R series

产品参数  
PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源  | Signal<br>信号 |
|-------------------------------|--------------|--------------|
| 端子数量<br>Number of contacts    | 2            | 4            |
| 额定电压<br>Rated voltage         | 100V DC      |              |
| 额定电流<br>Rated current         | 100A         | 3A           |
| 匹配线缆<br>Applicable wire       | 6AWG         | 20~22AWG     |
| 机械寿命<br>Mechanical operation  | 10000        |              |
| 防护等级<br>IP code               | IP55         |              |
| 防火等级<br>Flammability          | UL 94 V-0    |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max      | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 100MΩ@500VDC |              |
| 耐压<br>Dielectric strength     | 1000V AC     |              |
| 使用温度<br>Operation temperature | -40℃ ~ +85℃  |              |
| 插入角度<br>Insertion angle       | 0° and 180°  |              |

产品特性  
PRODUCT FEATURES

- ◆ 适用电摩电池换电系统，电源同轴匹配4个信号（4代），带导向设计浮动插入，电流更大，输出效率更高。  
Apply for battery swapping system. Co-axial power and 4 signal contacts. Guide pillar and floating design. Higher current and output efficiency.





# H6 P series

## 产品参数 PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源  | Signal<br>信号 |
|-------------------------------|--------------|--------------|
| 端子数量<br>Number of contacts    | 2            | 4            |
| 额定电压<br>Rated voltage         | 100V DC      |              |
| 额定电流<br>Rated current         | 100A         | 3A           |
| 匹配线缆<br>Applicable wire       | 6AWG         | 20~22AWG     |
| 机械寿命<br>Mechanical operation  | 10000        |              |
| 防护等级<br>IP code               | IP67         |              |
| 防火等级<br>Flammability          | UL 94 V-0    |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max      | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 100MΩ@500VDC |              |
| 耐压<br>Dielectric strength     | 1000V AC     |              |
| 使用温度<br>Operation temperature | -40℃ ~ +85℃  |              |
| 插入角度<br>Insertion angle       | 0° and 180°  |              |

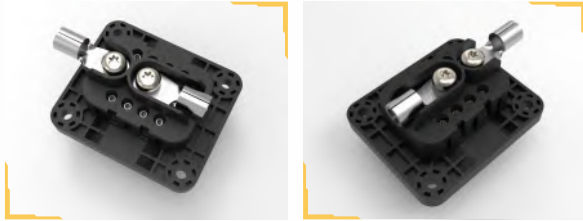
## 产品特性 PRODUCT FEATURES

- ◆ 适用电摩电池换电系统，矩形阵列排布设计，全组装式，零件可更换，满足非同轴客户需求。  
Apply for battery swapping system. Rectangular layout and components replaceable design.



# H6 R series

## 产品参数 PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源  | Signal<br>信号 |
|-------------------------------|--------------|--------------|
| 端子数量<br>Number of contacts    | 2            | 4            |
| 额定电压<br>Rated voltage         | 100V DC      |              |
| 额定电流<br>Rated current         | 100A         | 3A           |
| 匹配线缆<br>Applicable wire       | 6AWG         | 20~22AWG     |
| 机械寿命<br>Mechanical operation  | 10000        |              |
| 防护等级<br>IP code               | IP55         |              |
| 防火等级<br>Flammability          | UL 94 V-0    |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max      | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 100MΩ@500VDC |              |
| 耐压<br>Dielectric strength     | 1000V AC     |              |
| 使用温度<br>Operation temperature | -40℃ ~ +85℃  |              |
| 插入角度<br>Insertion angle       | 0° and 180°  |              |

## 产品特性 PRODUCT FEATURES

- ◆ 适用电摩电池换电系统，矩形阵列排布设计，全组装式，零件可更换，满足非同轴客户需求。  
Apply for battery swapping system. Rectangular layout and components replaceable design.





# T3 P series

## 产品参数 PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源        | Signal<br>信号       |
|-------------------------------|--------------------|--------------------|
| 端子数量<br>Number of contacts    | 2                  | 5                  |
| 额定电压<br>Rated voltage         | 120V DC            |                    |
| 额定电流<br>Rated current         | 6A                 | 2A                 |
| 匹配线缆<br>Applicable wire       | 1.0mm <sup>2</sup> | 0.5mm <sup>2</sup> |
| 机械寿命<br>Mechanical operation  | 10000              |                    |
| 防护等级<br>IP code               | IP54               |                    |
| 防火等级<br>Flammability          | UL 94 V-0          |                    |
| 接触阻抗<br>Contact resistance    | 5mΩ max            | 20mΩ max           |
| 绝缘阻抗<br>Insulation resistance | 1000MΩ@500VDC      |                    |
| 耐压<br>Dielectric strength     | 1000V AC           |                    |
| 使用温度<br>Operation temperature | -30℃ ~ +50℃        |                    |
| 插入角度<br>Insertion angle       | Single direction   |                    |

## 产品特性 PRODUCT FEATURES

- ◆ 适用电摩电池充电外接口，满足台湾TES标准并能兼容/互配其他同类产品，同时具有人工解锁功能，避免意外卡壳无法分离。  
Apply for battery charging port. TES(Taiwan E-scooter Standard) standard part, compatible with all TES port.



# T3 R series

## 产品参数 PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源       | Signal<br>信号 |
|-------------------------------|-------------------|--------------|
| 端子数量<br>Number of contacts    | 2                 | 5            |
| 额定电压<br>Rated voltage         | 120V DC           |              |
| 额定电流<br>Rated current         | 125A              | 2A           |
| 匹配线缆<br>Applicable wire       | 35mm <sup>2</sup> | 18AWG        |
| 机械寿命<br>Mechanical operation  | 10000             |              |
| 防护等级<br>IP code               | IP55              |              |
| 防火等级<br>Flammability          | UL 94 V-0         |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max           | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 1000MΩ@500VDC     |              |
| 耐压<br>Dielectric strength     | 1000V AC          |              |
| 使用温度<br>Operation temperature | -30℃ ~ +50℃       |              |
| 插入角度<br>Insertion angle       | Single direction  |              |

## 产品特性 PRODUCT FEATURES

- ◆ 适用电摩电池充电外接口，满足台湾TES标准并能兼容/互配其他同类产品，同时具有人工解锁功能，避免意外卡壳无法分离。  
Apply for battery charging port. TES(Taiwan E-scooter Standard) standard part, compatible with all TES port.



# T6 P series

## 产品参数 PRODUCT PARAMETERS

| Item<br>项目                    | Power<br>电源      | Signal<br>信号 |
|-------------------------------|------------------|--------------|
| 端子数量<br>Number of contacts    | 2                | 5            |
| 额定电压<br>Rated voltage         | 60V DC           |              |
| 额定电流<br>Rated current         | 20A              | 2A           |
| 匹配线缆<br>Applicable wire       | 14AWG            | 24AWG        |
| 机械寿命<br>Mechanical operation  | 10000            |              |
| 防护等级<br>IP code               | IP55             |              |
| 防火等级<br>Flammability          | UL 94 V-0        |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max          | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 1000MΩ@500VDC    |              |
| 耐压<br>Dielectric strength     | 1000V AC         |              |
| 使用温度<br>Operation temperature | -30°C ~ +50°C    |              |
| 插入角度<br>Insertion angle       | Single direction |              |

## 产品特性 PRODUCT FEATURES

- ◆ 适用电摩电池充电外接口，满足台湾TES标准，兼具体积小，易于操作使用等特点。  
Apply for battery charging port. TES(Taiwan E-scooter Standard) standard part, compatible with all TES port. Small size and easy to use.

# T6 R series

## 产品参数 PRODUCT PARAMETERS

| Item<br>项目                    | Power<br>电源      | Signal<br>信号 |
|-------------------------------|------------------|--------------|
| 端子数量<br>Number of contacts    | 2                | 5            |
| 额定电压<br>Rated voltage         | 60V DC           |              |
| 额定电流<br>Rated current         | 20A              | 2A           |
| 匹配线缆<br>Applicable wire       | 14AWG            | 22AWG        |
| 机械寿命<br>Mechanical operation  | 10000            |              |
| 防护等级<br>IP code               | IP55             |              |
| 防火等级<br>Flammability          | UL 94 V-0        |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max          | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 1000MΩ@500VDC    |              |
| 耐压<br>Dielectric strength     | 1000V AC         |              |
| 使用温度<br>Operation temperature | -30°C ~ +50°C    |              |
| 插入角度<br>Insertion angle       | Single direction |              |

## 产品特性 PRODUCT FEATURES

- ◆ 适用电摩电池充电外接口，满足台湾TES标准，兼具体积小，易于操作使用等特点。  
Apply for battery charging port. TES(Taiwan E-scooter Standard) standard part, compatible with all TES port. Small size and easy to use.





R3 P series

产品参数  
PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源      | Signal<br>信号 |
|-------------------------------|------------------|--------------|
| 端子数量<br>Number of contacts    | 2                | 4            |
| 额定电压<br>Rated voltage         | 60V DC           |              |
| 额定电流<br>Rated current         | 30A              | 2A           |
| 匹配线缆<br>Applicable wire       | 12AWG            | 20~22AWG     |
| 机械寿命<br>Mechanical operation  | 10000            |              |
| 防护等级<br>IP code               | IP67             |              |
| 防火等级<br>Flammability          | UL 94 V-0        |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max          | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 100MΩ@500VDC     |              |
| 耐压<br>Dielectric strength     | 1000V AC         |              |
| 使用温度<br>Operation temperature | -20°C ~ +85°C    |              |
| 插入角度<br>Insertion angle       | Single direction |              |

产品特性  
PRODUCT FEATURES

- ◆ 适用电动自行车充电系统，拥有磁吸定位自导入，零力插入等特点。  
Apply for battery power system. Magnetic attached. Zero force plug in.



R3 R series

产品参数  
PRODUCT PARAMETERS



| Item<br>项目                    | Power<br>电源      | Signal<br>信号 |
|-------------------------------|------------------|--------------|
| 端子数量<br>Number of contacts    | 2                | 4            |
| 额定电压<br>Rated voltage         | 60V DC           |              |
| 额定电流<br>Rated current         | 30A              | 2A           |
| 匹配线缆<br>Applicable wire       | 12AWG            | 20~22AWG     |
| 机械寿命<br>Mechanical operation  | 10000            |              |
| 防护等级<br>IP code               | IP67             |              |
| 防火等级<br>Flammability          | UL 94 V-0        |              |
| 接触阻抗<br>Contact resistance    | 5mΩ max          | 20mΩ max     |
| 绝缘阻抗<br>Insulation resistance | 100MΩ@500VDC     |              |
| 耐压<br>Dielectric strength     | 1000V AC         |              |
| 使用温度<br>Operation temperature | -20°C ~ +85°C    |              |
| 插入角度<br>Insertion angle       | Single direction |              |

产品特性  
PRODUCT FEATURES

- ◆ 适用电动自行车充电系统，拥有磁吸定位自导入，零力插入等特点。  
Apply for battery power system. Magnetic attached. Zero force plug in.

