

# 储能连接器

ESS Connector Catalogue **Version A**



**20+**  
国际专业认证  
International  
Professional  
Accreditation

- 国家高新认证  
National high-tech certification
- IATF 16949、ISO 14001:2015、ISO 9001:2015、ISO/TS 22163(IRIS) 等体系认证  
IATF 16949,ISO 14001:2015,ISO 9001:2015,ISO/TS 22163(IRIS).etc
- CNAS、UL、RoHS、IATF、SGS、TUV、GB等资质认证  
CNAS,UL,RoHS,IATF,SGS,TUV,GB.etc

**200+**  
核心技术专利  
Core  
Technology  
Patent

- 大电流连接自主知识产权 Independent intellectual property rights for high-current connectors
- 手动维修开关专利 Patent for manual service disconnect
- 高压扁插母端子专利 Patent for high-voltage flat plug female terminals
- 电池组高压连接器 Patent for high-voltage connectors for battery packs
- 新能源母排电流连接器专利 Patent for current connectors of new energy busbars
- 网络服务器汇流母排专利 Patent for network server busbars
- 服务器汇流母排专利..... Patent for server busbars...





## 企业文化 Company Culture



### 企业使命 Mission

用卓越的技术、产品和心连接世界  
Connecting the world with outstanding technology, products and hearts



### 企业愿景 Vision

做连接技术和产品领域的领先者  
Be a leader of connecting technology and product fields

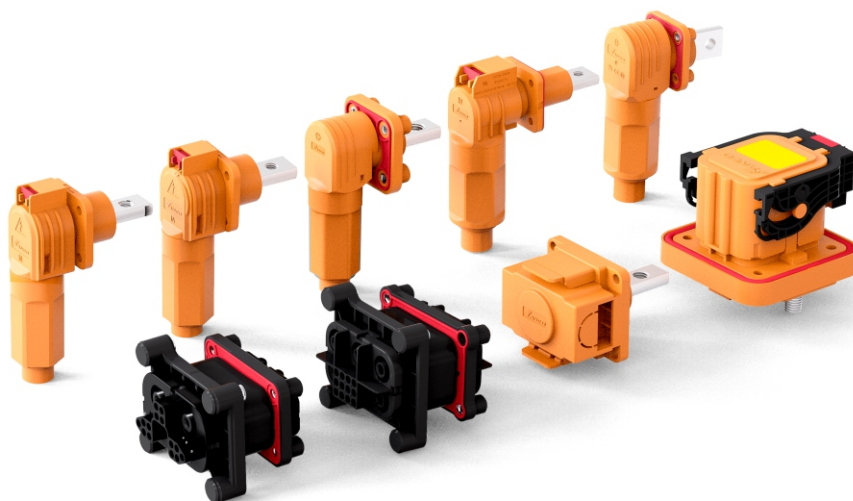


### 企业价值观 Values

诚实守信 Honesty and trustworthiness  
严谨求精 Striving for perfection with rigorousness

客户至上 Customer first  
学习创新 Learning and innovation

## 储能高压连接器 High Voltage Connector for Ennergy Storage System



微科一直致力于储能行业连接系统产品的研发与生产,为客户提供整体的连接系统解决方案。针对模块化储能电池系统,推出60A~600A系列的储能快插连接器和螺栓连接器。顺科储能连接器采用公司自主研发的独特端子结构技术,保持端子内部与插针接触面的最佳面积,降低接触电阻,减小过电流密度,减小了电流温升,是新一代储能系统的优选方案。

产品设计符合连接器标准UL4128、EN61984、UL1977,为储能行业提供更安全、快捷、可靠的连接!

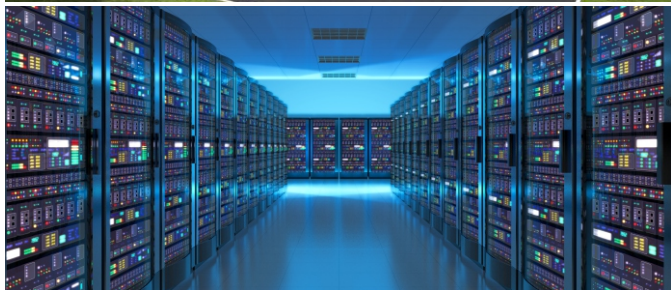
广泛应用于电力储能、通信储能、家用储能、商用储能、交通等行业的电池系统的高压连接。

We are dedicated to the research and production of connecting system products in the energy storage industry, providing customers with comprehensive connecting system solutions. For modular energy storage battery system, we have launched a series of 60A~600A quick-connect connectors and bolt connectors. Our energy storage connectors adopt independently developed unique terminal structure technology, maintaining the optimal contact area between the terminal and the pin, reducing contact resistance, decreasing current density and minimizing current temperature rise. They are the best solution for the next generation of energy storage system.

Our product design complies with connector standards UL4128, EN61984 and UL1977, providing the energy storage industry with safer, faster and more reliable connections.

It is widely used in the high-voltage connection of battery systems in power energy storage, communication energy storage, household energy storage, commercial energy storage, transportation and other industries.

### 应用领域 Field of Application



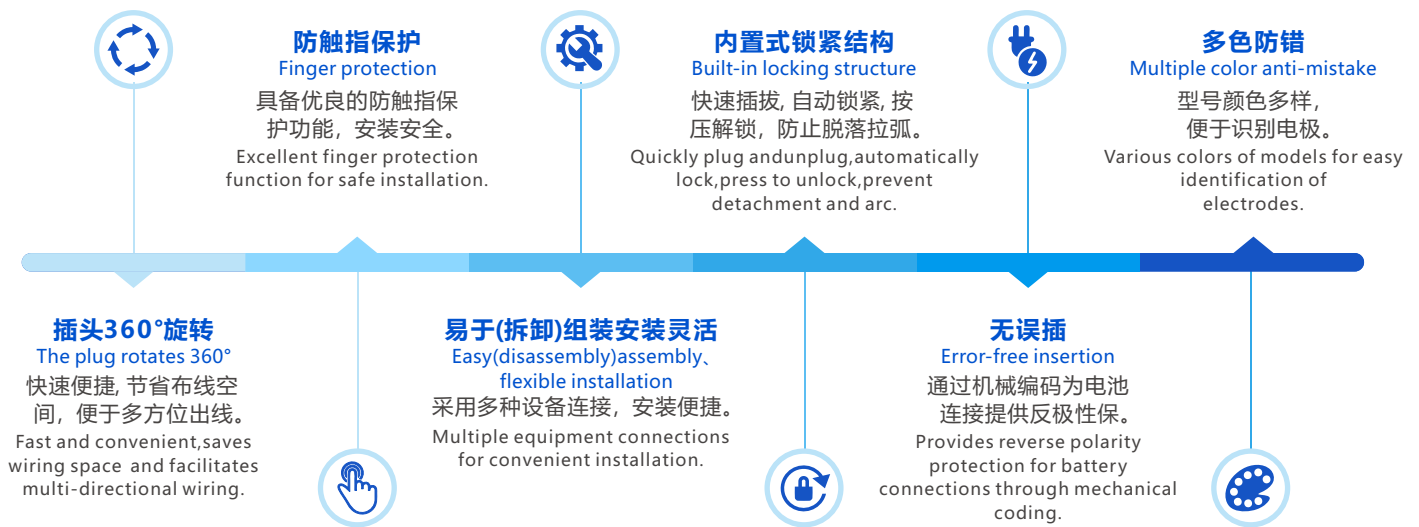
## 储能高压连接器 High Voltage Connector for Ennergy Storage System



具有反极性保护的设备和电缆连接器特别适用于储能模块系统。该系列连接器可兼容电流60A~350A，采用旋转式设计，并带有防触摸保护和机械编码，可在连接电池模块时提供极高的灵活度和安全度，用于自由接线的电池连接器。

Equipment and cable connectors with reverse polarity protection are especially suitable for energy storage module systems. Compatible with currents from 60A to 350A, this series of connectors features a swivel design with finger protection and mechanical coding, providing high flexibility and safety when connecting battery modules, battery connector for free wiring.

### 优势概述 Advantages

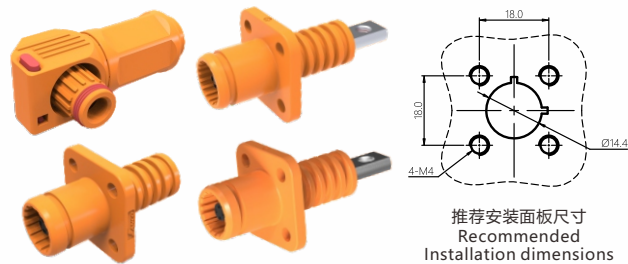


### 快插连接器特殊结构——双触点冠簧端子 Special Structure of Push-in Connector- Torsion Spring Terminal

- 采用双曲线冠簧技术，增加接触面积。  
Adopt hyperbolic crown spring technology to increase the contact area.
- 表面采用高耐磨性的镀银或镀金。  
The surface is coated with highly wear-resistant silver or gold.
- 自主研发、一致性高、低接触阻抗、温升低。  
Independently developed, high consistency, low contact impedance, low temperature rise.
- 具备高载流能力、小巧直径、高机械寿命、自清洁功能、振动吸收、低插入力和高接触面积。  
It features high current-carrying capacity, compact diameter, long mechanical lifespan, self-cleaning function, vibration absorption, low insertion force and high contact area.

S1PES057S 储能快插连接器(防水款)

S1PES057S Quick plug connector for energy storage systems(waterproof)

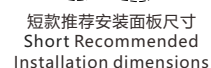


技术特性 Technical Characteristics

| 材质选用 |                                                                      |
|------|----------------------------------------------------------------------|
| 塑胶外壳 | PA66-GF                                                              |
| 端子材料 | 铜合金, 镀银                                                              |
| 机械性能 |                                                                      |
| 插拔次数 | 200次                                                                 |
| 防错   | 2种键位, 正负极防错                                                          |
| 电气性能 |                                                                      |
| 额定电流 | 63A-10mm <sup>2</sup> /80A-16mm <sup>2</sup> /120A-25mm <sup>2</sup> |
| 额定电压 | DC 1500V                                                             |
| 耐受电压 | AC 6800V                                                             |
| 绝缘电阻 | ≥500MΩ                                                               |
| 接触电阻 | ≤0.5mΩ                                                               |
| 温升   | ≤45K                                                                 |
| 环境性能 |                                                                      |
| 工作温度 | -40℃~+125℃                                                           |
| 盐雾   | 96H                                                                  |
| 常规要求 |                                                                      |
| 防护等级 | IP67                                                                 |
| 阻燃等级 | UL94 V-0                                                             |
| 海拔高度 | 4000m                                                                |
| 认证   | UL 4128; EN 61984 (TUV)                                              |
|      |                                                                      |
|      |                                                                      |
|      |                                                                      |
|      |                                                                      |

| Material                  |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Housing Material          | PA66-GF                                                              |
| Terminal Material         | Copper alloy,silver-plated                                           |
| Mechanical Performance    |                                                                      |
| Plugging Times            | 200                                                                  |
| Error-proofing            | 2 Keys,polarity error prevention                                     |
| Electrical Performance    |                                                                      |
| Rated Current             | 63A-10mm <sup>2</sup> /80A-16mm <sup>2</sup> /120A-25mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                                             |
| Withstand Voltage         | AC 6800V                                                             |
| Insulation Resistance     | ≥500MΩ                                                               |
| Contact Resistance        | ≤0.5mΩ                                                               |
| Temperature Rise          | ≤45K                                                                 |
| Environmental Performance |                                                                      |
| Ambient Temperature       | -40℃~+125℃                                                           |
| Salt Spray                | 96H                                                                  |
| General Requirements      |                                                                      |
| Protection Rating         | IP67                                                                 |
| Flame Retardant Rating    | UL94 V-0                                                             |
| Altitude                  | 4000m                                                                |
| Certification             | UL 4128; EN 61984 (TUV)                                              |
|                           |                                                                      |
|                           |                                                                      |
|                           |                                                                      |
|                           |                                                                      |

S1PES091 Quick plug connector for energy storage systems(waterproof)



| 材质选用 |                                    |
|------|------------------------------------|
| 塑胶外壳 | PA66-GF                            |
| 端子材料 | 铜合金，镀银                             |
| 机械性能 |                                    |
| 插拔次数 | 200次                               |
| 防错   | 4种键位，正负极防错                         |
| 电气性能 |                                    |
| 额定电流 | 150A-35mm²/ 200A-50mm²/ 250A-70mm² |
| 额定电压 | DC 1500V                           |
| 耐受电压 | DC 6800V                           |
| 绝缘电阻 | ≥500MΩ                             |
| 接触电阻 | ≤0.3mΩ                             |
| 温升   | ≤45K                               |
| 环境性能 |                                    |
| 工作温度 | -40℃~+125℃                         |
| 盐雾   | 96H                                |
| 常规要求 |                                    |
| 防护等级 | IPXXB IP67                         |
| 阻燃等级 | UL94 V-0                           |
| 海拔高度 | 4000m                              |
| 认证   | UL 4128；EN 61984（TUV）              |
|      |                                    |
|      |                                    |
|      |                                    |
|      |                                    |

| Material                  |                                    |
|---------------------------|------------------------------------|
| Housing Material          | PA66-GF                            |
| Terminal Material         | Copper alloy,silver-plated         |
| Mechanical Performance    |                                    |
| Plugging Times            | 200                                |
| Error-proofing            | 4 Keys,polarity error prevention   |
| Electrical Performance    |                                    |
| Rated Current             | 150A-35mm²/ 200A-50mm²/ 250A-70mm² |
| Rated Voltage             | DC 1500V                           |
| Withstand Voltage         | DC 6800V                           |
| Insulation Resistance     | ≥500MΩ                             |
| Contact Resistance        | ≤0.3mΩ                             |
| Temperature Rise          | ≤45K                               |
| Environmental Performance |                                    |
| Ambient Temperature       | -40℃~+125℃                         |
| Salt Spray                | 96H                                |
| General Requirements      |                                    |
| Protection Rating         | IPXXB IP67                         |
| Flame Retardant Rating    | UL94 V-0                           |
| Altitude                  | 4000m                              |
| Certification             | UL 4128; EN 61984 (TUV)            |
|                           |                                    |
|                           |                                    |
|                           |                                    |
|                           |                                    |

# S1PES091 储能快插连接器(防水款)

## S1PES091 Quick plug connector for energy storage systems(waterproof)



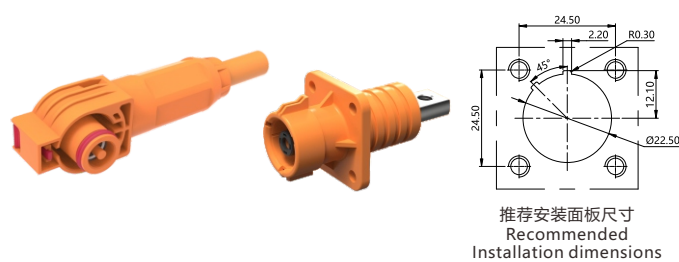
### 技术特性 Technical Characteristics

| 材质选用 |                                                 |
|------|-------------------------------------------------|
| 塑胶外壳 | PA66-GF                                         |
| 端子材料 | 铜合金, 镀银                                         |
| 机械性能 |                                                 |
| 插拔次数 | 200次                                            |
| 防错   | 4种键位, 正负极防错                                     |
| 电气性能 |                                                 |
| 额定电流 | 150A-35mm <sup>2</sup> / 200A-50mm <sup>2</sup> |
| 额定电压 | DC 1500V                                        |
| 耐受电压 | DC 6800V                                        |
| 绝缘电阻 | ≥500MΩ                                          |
| 接触电阻 | ≤0.3mΩ                                          |
| 温升   | ≤45K                                            |
| 环境性能 |                                                 |
| 工作温度 | -40°C~+125°C                                    |
| 盐雾   | 96H                                             |
| 常规要求 |                                                 |
| 防护等级 | IPXXB IP67                                      |
| 阻燃等级 | UL94 V-0                                        |
| 海拔高度 | 2000m                                           |
| 认证   | UL 4128; EN 61984 (TUV)                         |
|      |                                                 |
|      |                                                 |
|      |                                                 |
|      |                                                 |

| Material                  |                                                 |
|---------------------------|-------------------------------------------------|
| Housing Material          | PA66-GF                                         |
| Terminal Material         | Copper alloy,silver-plated                      |
| Mechanical Performance    |                                                 |
| Plugging Times            | 200                                             |
| Error-proofing            | 4 Keys,polarity error prevention                |
| Electrical Performance    |                                                 |
| Rated Current             | 150A-35mm <sup>2</sup> / 200A-50mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                        |
| Withstand Voltage         | DC 6800V                                        |
| Insulation Resistance     | ≥500MΩ                                          |
| Contact Resistance        | ≤0.3mΩ                                          |
| Temperature Rise          | ≤45K                                            |
| Environmental Performance |                                                 |
| Ambient Temperature       | -40°C~+125°C                                    |
| Salt Spray                | 96H                                             |
| General Requirements      |                                                 |
| Protection Rating         | IPXXB IP67                                      |
| Flame Retardant Rating    | UL94 V-0                                        |
| Altitude                  | 2000m                                           |
| Certification             | UL 4128; EN 61984 (TUV)                         |
|                           |                                                 |
|                           |                                                 |
|                           |                                                 |
|                           |                                                 |

S1PES091 储能快插连接器(2000V 防水款)

S1PES091 Quick plug connector for energy storage systems(2000V waterproof)

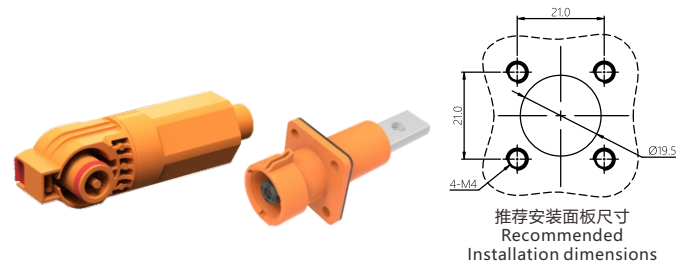


🔍 技术特性 Technical Characteristics

| 材质选用 |                                    | Material                  |                                    |
|------|------------------------------------|---------------------------|------------------------------------|
| 塑胶外壳 | PA66-GF                            | Housing Material          | PA66-GF                            |
| 端子材料 | 铜合金, 镀银                            | Terminal Material         | Copper alloy,silver-plated         |
| 机械性能 |                                    | Mechanical Performance    |                                    |
| 插拔次数 | 200次                               | Plugging Times            | 200                                |
| 防错   | 4种键位, 正负极防错                        | Error-proofing            | 4 Keys,polarity error prevention   |
| 电气性能 |                                    | Electrical Performance    |                                    |
| 额定电流 | 150A-35mm²/ 200A-50mm²/ 250A-70mm² | Rated Current             | 150A-35mm²/ 200A-50mm²/ 250A-70mm² |
| 额定电压 | DC 2000V                           | Rated Voltage             | DC 2000V                           |
| 耐受电压 | DC 8400V                           | Withstand Voltage         | DC 8400V                           |
| 绝缘电阻 | ≥500MΩ                             | Insulation Resistance     | ≥500MΩ                             |
| 接触电阻 | ≤0.5mΩ                             | Contact Resistance        | ≤0.5mΩ                             |
| 温升   | ≤45K                               | Temperature Rise          | ≤45K                               |
| 环境性能 |                                    | Environmental Performance |                                    |
| 工作温度 | -40℃~+125℃                         | Ambient Temperature       | -40℃~+125℃                         |
| 盐雾   | 96H                                | Salt Spray                | 96H                                |
| 常规要求 |                                    | General Requirements      |                                    |
| 防护等级 | IPXXB IP67                         | Protection Rating         | IPXXB IP67                         |
| 阻燃等级 | UL94 V-0                           | Flame Retardant Rating    | UL94 V-0                           |
| 海拔高度 | 5000m                              | Altitude                  | 5000m                              |
|      |                                    |                           |                                    |
|      |                                    |                           |                                    |
|      |                                    |                           |                                    |
|      |                                    |                           |                                    |
|      |                                    |                           |                                    |
|      |                                    |                           |                                    |

# S1PES091 储能快插连接器(焊接款)

## S1PES091 Quick plug connector for energy storage systems(welded model)



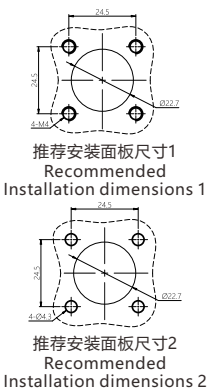
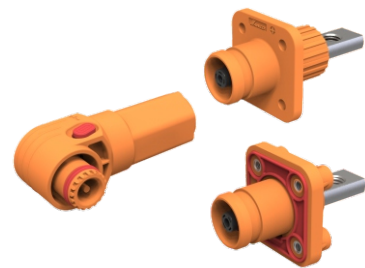
### 技术特性 Technical Characteristics

| 材质选用   |                       |
|--------|-----------------------|
| 塑胶外壳   | PA66-GF               |
| 端子材料   | 铜合金，镀银                |
| 机械性能   |                       |
| 插拔次数   | 200次                  |
| 防错     | 4种键位，正负极防错            |
| 电气性能   |                       |
| 额定电流   | 200A-50mm²/250A-70mm² |
| 额定电压   | DC 1500V              |
| 耐受电压   | DC 6800V              |
| 绝缘电阻   | ≥500MΩ                |
| 接触电阻   | ≤0.3mΩ                |
| 温升     | ≤45K                  |
| 环境性能   |                       |
| 工作温度   | -40℃~+125℃            |
| 盐雾     | 96H                   |
| 常规要求   |                       |
| 防护等级   | IPXXB IP67            |
| 阻燃等级   | UL94 V-0              |
| 海拔高度   | 5000m                 |
| 线缆连接方式 | 超声波焊接                 |
|        |                       |
|        |                       |
|        |                       |
|        |                       |

| Material                  |                                 |
|---------------------------|---------------------------------|
| Housing Material          | PA66-GF                         |
| Terminal Material         | Copper alloy,silver-plated      |
| Mechanical Performance    |                                 |
| Plugging Times            | 200                             |
| Error-proofing            | 4Keys,polarity error prevention |
| Electrical Performance    |                                 |
| Rated Current             | 200A-50mm²/250A-70mm²           |
| Rated Voltage             | DC 1500V                        |
| Withstand Voltage         | DC 6800V                        |
| Insulation Resistance     | ≥500MΩ                          |
| Contact Resistance        | ≤0.3mΩ                          |
| Temperature Rise          | ≤45K                            |
| Environmental Performance |                                 |
| Ambient Temperature       | -40℃~+125℃                      |
| Salt Spray                | 96H                             |
| General Requirements      |                                 |
| Protection Rating         | IPXXB IP67                      |
| Flame Retardant Rating    | UL94 V-0                        |
| Altitude                  | 5000m                           |
| Cable Connection          | Ultrasonic welding              |
|                           |                                 |
|                           |                                 |
|                           |                                 |
|                           |                                 |

# S1PES091S 储能快插连接器(防水款)

## S1PES091S Quick plug connector for energy storage systems(waterproof)



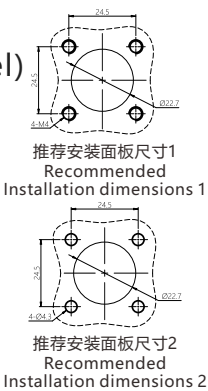
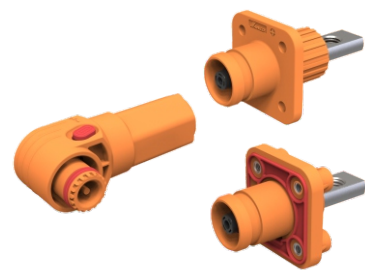
### 技术特性 Technical Characteristics

| 材质选用   |                                                                        |
|--------|------------------------------------------------------------------------|
| 塑胶外壳   | PA66-GF                                                                |
| 端子材料   | 铜合金, 镀银                                                                |
| 机械性能   |                                                                        |
| 插拔次数   | 200次                                                                   |
| 防错     | 2种键位, 正负极防错                                                            |
| 电气性能   |                                                                        |
| 额定电流   | 150A-35mm <sup>2</sup> /200A-50mm <sup>2</sup> /250A-70mm <sup>2</sup> |
| 额定电压   | DC 1500V                                                               |
| 耐受电压   | AC 6800V                                                               |
| 绝缘电阻   | ≥500MΩ                                                                 |
| 接触电阻   | ≤0.3mΩ                                                                 |
| 温升     | ≤45K                                                                   |
| 环境性能   |                                                                        |
| 工作温度   | -40℃~+125℃                                                             |
| 盐雾     | 96H                                                                    |
| 常规要求   |                                                                        |
| 防护等级   | IPXXB IP67                                                             |
| 阻燃等级   | UL94 V-0                                                               |
| 海拔高度   | 4000m                                                                  |
| 认证     | UL 4128; EN 61984 (TUV)                                                |
| 线缆连接方式 | 压接                                                                     |
|        |                                                                        |
|        |                                                                        |
|        |                                                                        |

| Material                  |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Housing Material          | PA66-GF                                                                |
| Terminal Material         | Copper alloy,silver-plated                                             |
| Mechanical Performance    |                                                                        |
| Plugging Times            | 200                                                                    |
| Error-proofing            | 2 Keys,polarity error prevention                                       |
| Electrical Performance    |                                                                        |
| Rated Current             | 150A-35mm <sup>2</sup> /200A-50mm <sup>2</sup> /250A-70mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                                               |
| Withstand Voltage         | AC 6800V                                                               |
| Insulation Resistance     | ≥500MΩ                                                                 |
| Contact Resistance        | ≤0.3mΩ                                                                 |
| Temperature Rise          | ≤45K                                                                   |
| Environmental Performance |                                                                        |
| Ambient Temperature       | -40℃~+125℃                                                             |
| Salt Spray                | 96H                                                                    |
| General Requirements      |                                                                        |
| Protection Rating         | IPXXB IP67                                                             |
| Flame Retardant Rating    | UL94 V-0                                                               |
| Altitude                  | 4000m                                                                  |
| Certification             | UL 4128; EN 61984 (TUV)                                                |
| Cable Connection          | Crimping                                                               |
|                           |                                                                        |
|                           |                                                                        |
|                           |                                                                        |

S1PES091S 储能快插连接器(焊接款)

S1PES091S Quick plug connector for energy storage systems(welded model)

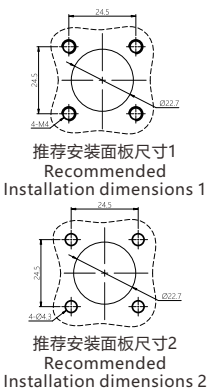
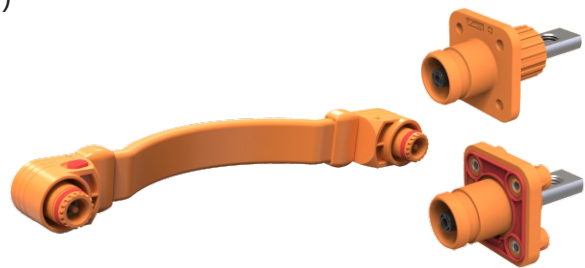


🔍 技术特性 Technical Characteristics

| 材质选用   |                         | Material                  |                                  |
|--------|-------------------------|---------------------------|----------------------------------|
| 塑胶外壳   | PA66-GF                 | Housing Material          | PA66-GF                          |
| 端子材料   | 铜合金, 镀银                 | Terminal Material         | Copper alloy,silver-plated       |
| 机械性能   |                         | Mechanical Performance    |                                  |
| 插拔次数   | 200次                    | Plugging Times            | 200                              |
| 防错     | 2种键位, 正负极防错             | Error-proofing            | 2 Keys,polarity error prevention |
| 电气性能   |                         | Electrical Performance    |                                  |
| 额定电流   | 200A-50mm²/250A-70mm²   | Rated Current             | 200A-50mm²/250A-70mm²            |
| 额定电压   | DC 1500V                | Rated Voltage             | DC 1500V                         |
| 耐受电压   | AC 6800V                | Withstand Voltage         | AC 6800V                         |
| 绝缘电阻   | ≥500MΩ                  | Insulation Resistance     | ≥500MΩ                           |
| 接触电阻   | ≤0.3mΩ                  | Contact Resistance        | ≤0.3mΩ                           |
| 温升     | ≤45K                    | Temperature Rise          | ≤45K                             |
| 环境性能   |                         | Environmental Performance |                                  |
| 工作温度   | -40℃~+125℃              | Ambient Temperature       | -40℃~+125℃                       |
| 盐雾     | 96H                     | Salt Spray                | 96H                              |
| 常规要求   |                         | General Requirements      |                                  |
| 防护等级   | IPXXB IP67              | Protection Rating         | IPXXB IP67                       |
| 阻燃等级   | UL94 V-0                | Flame Retardant Rating    | UL94 V-0                         |
| 海拔高度   | 5000m                   | Altitude                  | 5000m                            |
| 认证     | UL 4128; EN 61984 (TUV) | Certification             | UL 4128; EN 61984 (TUV)          |
| 线缆连接方式 | 超声波焊接                   | Cable Connection          | Ultrasonic welding               |
|        |                         |                           |                                  |
|        |                         |                           |                                  |
|        |                         |                           |                                  |

# S1PES091S 储能快插连接器(软铜排款)

## S1PES091S Quick plug connector for energy storage systems(soft copper busbar model)

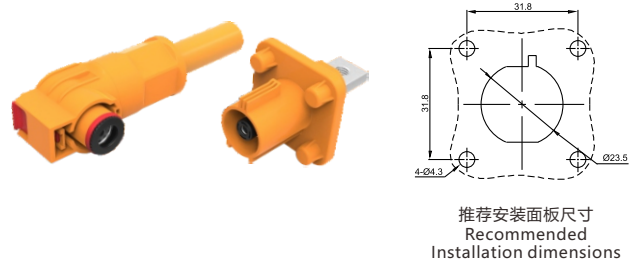


### 技术特性 Technical Characteristics

| 材质选用 |                       | Material                  |                            |
|------|-----------------------|---------------------------|----------------------------|
| 塑胶外壳 | PA66-GF               | Housing Material          | PA66-GF                    |
| 端子材料 | 铜合金, 镀银               | Terminal Material         | Copper alloy,silver-plated |
| 机械性能 |                       | Mechanical Performance    |                            |
| 插拔次数 | 200次                  | Plugging Times            | 200                        |
| 防错   | 正负极防错                 | Error-proofing            | Polarity error prevention  |
| 电气性能 |                       | Electrical Performance    |                            |
| 额定电流 | 200A-50mm²/250A-70mm² | Rated Current             | 200A-50mm²/250A-70mm²      |
| 额定电压 | DC 1500V              | Rated Voltage             | DC 1500V                   |
| 耐受电压 | AC 6800V              | Withstand Voltage         | AC 6800V                   |
| 绝缘电阻 | ≥500MΩ                | Insulation Resistance     | ≥500MΩ                     |
| 接触电阻 | ≤0.3mΩ                | Contact Resistance        | ≤0.3mΩ                     |
| 温升   | ≤45K                  | Temperature Rise          | ≤45K                       |
| 环境性能 |                       | Environmental Performance |                            |
| 工作温度 | -40℃~+125℃            | Ambient Temperature       | -40℃~+125℃                 |
| 盐雾   | 96H                   | Salt Spray                | 96H                        |
| 常规要求 |                       | General Requirements      |                            |
| 防护等级 | IPXXB IP67            | Protection Rating         | IPXXB IP67                 |
| 阻燃等级 | UL94 V-0              | Flame Retardant Rating    | UL94 V-0                   |
| 海拔高度 | 5000m                 | Altitude                  | 5000m                      |
|      |                       |                           |                            |
|      |                       |                           |                            |
|      |                       |                           |                            |
|      |                       |                           |                            |
|      |                       |                           |                            |
|      |                       |                           |                            |
|      |                       |                           |                            |

# S1PES095 储能快插连接器(防水款)

## S1PES095 Quick plug connector for energy storage systems(waterproof)



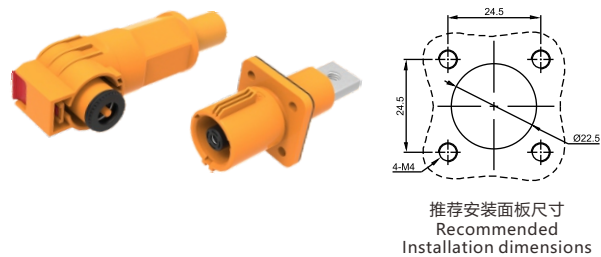
### 技术特性 Technical Characteristics

| 材质选用   |                                  |
|--------|----------------------------------|
| 塑胶外壳   | PA66-GF                          |
| 端子材料   | 铜合金，镀银                           |
| 机械性能   |                                  |
| 插拔次数   | 200次                             |
| 防错     | 4种键位，正负极防错                       |
| 电气性能   |                                  |
| 额定电流   | 200A-50mm²/250A-70mm²/310A-95mm² |
| 额定电压   | DC 1500V                         |
| 耐受电压   | AC 5600V                         |
| 绝缘电阻   | ≥500MΩ                           |
| 接触电阻   | ≤0.3mΩ                           |
| 温升     | ≤45K                             |
| 环境性能   |                                  |
| 工作温度   | -40℃~+125℃                       |
| 盐雾     | 96H                              |
| 常规要求   |                                  |
| 防护等级   | IPXXB IP67                       |
| 阻燃等级   | UL94 V-0                         |
| 海拔高度   | 4000m                            |
| 认证     | EN 61984 (TUV)                   |
| 二次锁扣结构 |                                  |
|        |                                  |
|        |                                  |
|        |                                  |

| Material                  |                                  |
|---------------------------|----------------------------------|
| Housing Material          | PA66-GF                          |
| Terminal Material         | Copper alloy,silver-plated       |
| Mechanical Performance    |                                  |
| Plugging Times            | 200                              |
| Error-proofing            | 4 Keys,polarity error prevention |
| Electrical Performance    |                                  |
| Rated Current             | 200A-50mm²/250A-70mm²/310A-95mm² |
| Rated Voltage             | DC 1500V                         |
| Withstand Voltage         | AC 5600V                         |
| Insulation Resistance     | ≥500MΩ                           |
| Contact Resistance        | ≤0.3mΩ                           |
| Temperature Rise          | ≤45K                             |
| Environmental Performance |                                  |
| Ambient Temperature       | -40℃~+125℃                       |
| Salt Spray                | 96H                              |
| General Requirements      |                                  |
| Protection Rating         | IPXXB IP67                       |
| Flame Retardant Rating    | UL94 V-0                         |
| Altitude                  | 4000m                            |
| Certification             | EN 61984(TUV)                    |
| Secondary Locking         |                                  |
| Structure                 |                                  |
|                           |                                  |
|                           |                                  |

# S1PES103 储能快插连接器(防水款)

## S1PES103 Quick plug connector for energy storage systems(waterproof)



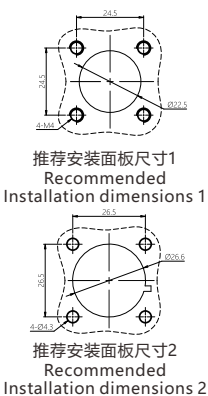
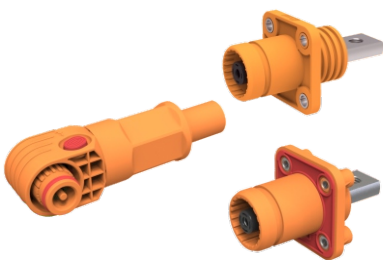
### 技术特性 Technical Characteristics

| 材质选用   |                                                                                                 |
|--------|-------------------------------------------------------------------------------------------------|
| 塑胶外壳   | PA66-GF                                                                                         |
| 端子材料   | 铜合金，镀银                                                                                          |
| 机械性能   |                                                                                                 |
| 插拔次数   | 200次                                                                                            |
| 防错     | 4种键位，正负极防错                                                                                      |
| 电气性能   |                                                                                                 |
| 额定电流   | 250A-50mm <sup>2</sup> /280A-70mm <sup>2</sup> /330A-95mm <sup>2</sup> /350A-120mm <sup>2</sup> |
| 额定电压   | DC 1500V                                                                                        |
| 耐受电压   | DC 5600V                                                                                        |
| 绝缘电阻   | ≥500MΩ                                                                                          |
| 接触电阻   | ≤0.3mΩ                                                                                          |
| 温升     | ≤45K                                                                                            |
| 环境性能   |                                                                                                 |
| 工作温度   | -40℃~+125℃                                                                                      |
| 盐雾     | 96H                                                                                             |
| 常规要求   |                                                                                                 |
| 防护等级   | IPXXB IP67                                                                                      |
| 阻燃等级   | UL94 V-0                                                                                        |
| 海拔高度   | 4000m                                                                                           |
| 认证     | UL 4128; EN 61984 (TUV)                                                                         |
| 二次锁扣结构 |                                                                                                 |
|        |                                                                                                 |
|        |                                                                                                 |
|        |                                                                                                 |

| Material                  |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| Housing Material          | PA66-GF                                                                                         |
| Terminal Material         | Copper alloy,silver-plated                                                                      |
| Mechanical Performance    |                                                                                                 |
| Plugging Times            | 200                                                                                             |
| Error-proofing            | 4 Keys,polarity error prevention                                                                |
| Electrical Performance    |                                                                                                 |
| Rated Current             | 250A-50mm <sup>2</sup> /280A-70mm <sup>2</sup> /330A-95mm <sup>2</sup> /350A-120mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                                                                        |
| Withstand Voltage         | DC 5600V                                                                                        |
| Insulation Resistance     | ≥500MΩ                                                                                          |
| Contact Resistance        | ≤0.3mΩ                                                                                          |
| Temperature Rise          | ≤45K                                                                                            |
| Environmental Performance |                                                                                                 |
| Ambient Temperature       | -40℃~+125℃                                                                                      |
| Salt Spray                | 96H                                                                                             |
| General Requirements      |                                                                                                 |
| Protection Rating         | IPXXB IP67                                                                                      |
| Flame Retardant Rating    | UL94 V-0                                                                                        |
| Altitude                  | 4000m                                                                                           |
| Certification             | UL 4128; EN 61984 (TUV)                                                                         |
| Secondary Locking         |                                                                                                 |
| Structure                 |                                                                                                 |
|                           |                                                                                                 |
|                           |                                                                                                 |

# S1PES103S 储能快插连接器(防水款)

## S1PES103S Quick plug connector for energy storage systems(waterproof)



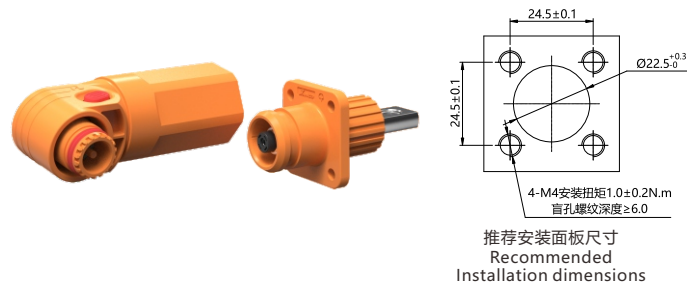
### 技术特性 Technical Characteristics

| 材质选用   |                                                                                                 |
|--------|-------------------------------------------------------------------------------------------------|
| 塑胶外壳   | PA66-GF                                                                                         |
| 端子材料   | 铜合金, 镀银                                                                                         |
| 机械性能   |                                                                                                 |
| 插拔次数   | 200次                                                                                            |
| 防错     | 2种键位, 正负极防错                                                                                     |
| 电气性能   |                                                                                                 |
| 额定电流   | 200A-50mm <sup>2</sup> /250A-70mm <sup>2</sup> /330A-95mm <sup>2</sup> /350A-120mm <sup>2</sup> |
| 额定电压   | DC 1500V                                                                                        |
| 耐受电压   | AC 6800V                                                                                        |
| 绝缘电阻   | ≥500MΩ                                                                                          |
| 接触电阻   | ≤0.3mΩ                                                                                          |
| 温升     | ≤45K                                                                                            |
| 环境性能   |                                                                                                 |
| 工作温度   | -40°C~+125°C                                                                                    |
| 盐雾     | 96H                                                                                             |
| 常规要求   |                                                                                                 |
| 防护等级   | IPXXB IP67                                                                                      |
| 阻燃等级   | UL94 V-0                                                                                        |
| 海拔高度   | 4000m                                                                                           |
| 认证     | UL 4128; EN 61984 (TUV)                                                                         |
| 线缆连接方式 | 压接                                                                                              |
| 二次锁扣结构 |                                                                                                 |
|        |                                                                                                 |
|        |                                                                                                 |

| Material                  |                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------|
| Housing Material          | PA66-GF                                                                                         |
| Terminal Material         | Copper alloy,silver-plated                                                                      |
| Mechanical Performance    |                                                                                                 |
| Plugging Times            | 200                                                                                             |
| Error-proofing            | 2 Keys,polarity error prevention                                                                |
| Electrical Performance    |                                                                                                 |
| Rated Current             | 200A-50mm <sup>2</sup> /250A-70mm <sup>2</sup> /330A-95mm <sup>2</sup> /350A-120mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                                                                        |
| Withstand Voltage         | AC 6800V                                                                                        |
| Insulation Resistance     | ≥500MΩ                                                                                          |
| Contact Resistance        | ≤0.3mΩ                                                                                          |
| Temperature Rise          | ≤45K                                                                                            |
| Environmental Performance |                                                                                                 |
| Ambient Temperature       | -40°C~+125°C                                                                                    |
| Salt Spray                | 96H                                                                                             |
| General Requirements      |                                                                                                 |
| Protection Rating         | IPXXB IP67                                                                                      |
| Flame Retardant Rating    | UL94 V-0                                                                                        |
| Altitude                  | 4000m                                                                                           |
| Certification             | UL 4128; EN 61984 (TUV)                                                                         |
| Cable Connection          | Crimping                                                                                        |
| Secondary Locking         |                                                                                                 |
| Structure                 |                                                                                                 |
|                           |                                                                                                 |
|                           |                                                                                                 |

S1PES103S-10 储能快插连接器(防水款)

S1PES103S-10 Quick plug connector for energy storage systems(waterproof)

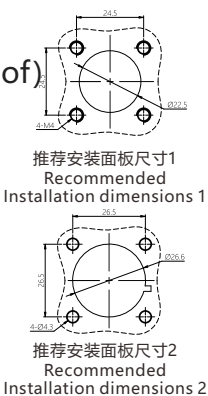


🔍 技术特性 Technical Characteristics

| 材质选用 |                                  | Material                  |                                  |
|------|----------------------------------|---------------------------|----------------------------------|
| 塑胶外壳 | PA66-GF                          | Housing Material          | PA66-GF                          |
| 端子材料 | 铜合金, 镀银                          | Terminal Material         | Copper alloy,silver-plated       |
| 机械性能 |                                  | Mechanical Performance    |                                  |
| 插拔次数 | 200次                             | Plugging Times            | 200                              |
| 防错   | 正负极防错                            | Error-proofing            | Polarity error prevention        |
| 电气性能 |                                  | Electrical Performance    |                                  |
| 额定电流 | 200A-50mm²/250A-70mm²/300A-95mm² | Rated Current             | 200A-50mm²/250A-70mm²/300A-95mm² |
| 额定电压 | DC 1500V                         | Rated Voltage             | DC 1500V                         |
| 耐受电压 | AC 6800V                         | Withstand Voltage         | AC 6800V                         |
| 绝缘电阻 | ≥500MΩ                           | Insulation Resistance     | ≥500MΩ                           |
| 接触电阻 | ≤0.25mΩ                          | Contact Resistance        | ≤0.25mΩ                          |
| 温升   | ≤45K                             | Temperature Rise          | ≤45K                             |
| 环境性能 |                                  | Environmental Performance |                                  |
| 工作温度 | -40℃~+125℃                       | Ambient Temperature       | -40℃~+125℃                       |
| 盐雾   | 96H                              | Salt Spray                | 96H                              |
| 常规要求 |                                  | General Requirements      |                                  |
| 防护等级 | IPXXB IP67                       | Protection Rating         | IPXXB IP67                       |
| 阻燃等级 | UL94 V-0                         | Flame Retardant Rating    | UL94 V-0                         |
| 海拔高度 | 5000m                            | Altitude                  | 5000m                            |
| 认证   | UL 4128; EN 61984 (TUV)          | Certification             | UL 4128; EN 61984 (TUV)          |
|      |                                  |                           |                                  |
|      |                                  |                           |                                  |
|      |                                  |                           |                                  |
|      |                                  |                           |                                  |

# S1PES103S 直头储能快插连接器(防水款)

S1PES103S Straigh quick plug connector for energy storage systems(waterproof)



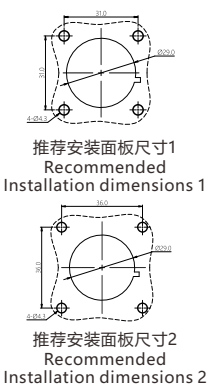
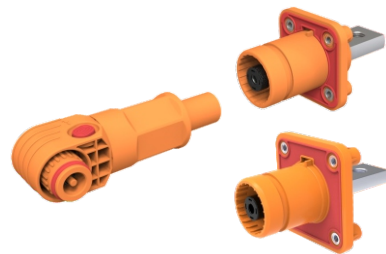
## 技术特性 Technical Characteristics

| 材质选用   |                                                                        |
|--------|------------------------------------------------------------------------|
| 塑胶外壳   | PA66-GF                                                                |
| 端子材料   | 铜合金, 镀银                                                                |
| 机械性能   |                                                                        |
| 插拔次数   | 200次                                                                   |
| 防错     | 2种键位, 正负极防错                                                            |
| 电气性能   |                                                                        |
| 额定电流   | 230A-50mm <sup>2</sup> /250A-70mm <sup>2</sup> /300A-95mm <sup>2</sup> |
| 额定电压   | DC 1500V                                                               |
| 耐受电压   | AC 6800V                                                               |
| 绝缘电阻   | ≥500MΩ                                                                 |
| 接触电阻   | ≤0.25mΩ                                                                |
| 温升     | ≤45K                                                                   |
| 环境性能   |                                                                        |
| 工作温度   | -40°C~+125°C                                                           |
| 盐雾     | 96H                                                                    |
| 常规要求   |                                                                        |
| 防护等级   | IPXXB IP67                                                             |
| 阻燃等级   | UL94 V-0                                                               |
| 海拔高度   | 4000m                                                                  |
| 认证     | UL 4128; EN 61984 (TUV)                                                |
| 线缆连接方式 | 压接                                                                     |
| 二次锁扣结构 |                                                                        |
|        |                                                                        |
|        |                                                                        |

| Material                  |                                                                        |
|---------------------------|------------------------------------------------------------------------|
| Housing Material          | PA66-GF                                                                |
| Terminal Material         | Copper alloy,silver-plated                                             |
| Mechanical Performance    |                                                                        |
| Plugging Times            | 200                                                                    |
| Error-proofing            | 2 Keys,polarity error prevention                                       |
| Electrical Performance    |                                                                        |
| Rated Current             | 230A-50mm <sup>2</sup> /250A-70mm <sup>2</sup> /300A-95mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                                               |
| Withstand Voltage         | AC 6800V                                                               |
| Insulation Resistance     | ≥500MΩ                                                                 |
| Contact Resistance        | ≤0.25mΩ                                                                |
| Temperature Rise          | ≤45K                                                                   |
| Environmental Performance |                                                                        |
| Ambient Temperature       | -40°C~+125°C                                                           |
| Salt Spray                | 96H                                                                    |
| General Requirements      |                                                                        |
| Protection Rating         | IPXXB IP67                                                             |
| Flame Retardant Rating    | UL94 V-0                                                               |
| Altitude                  | 4000m                                                                  |
| Certification             | UL 4128; EN 61984 (TUV)                                                |
| Cable Connection          | Crimping                                                               |
| Secondary Locking         |                                                                        |
| Structure                 |                                                                        |
|                           |                                                                        |
|                           |                                                                        |

# S1PES120S 储能快插连接器(防水款)

## S1PES120S Quick plug connector for energy storage systems(waterproof)



### 技术特性 Technical Characteristics

| 材质选用   |                                                                          |
|--------|--------------------------------------------------------------------------|
| 塑胶外壳   | PA66-GF                                                                  |
| 端子材料   | 铜合金, 镀银                                                                  |
| 机械性能   |                                                                          |
| 插拔次数   | 200次                                                                     |
| 防错     | 2种键位, 正负极防错                                                              |
| 电气性能   |                                                                          |
| 额定电流   | 330A-95mm <sup>2</sup> /360A-120mm <sup>2</sup> /420A-150mm <sup>2</sup> |
| 额定电压   | DC 1500V                                                                 |
| 耐受电压   | AC 6800V                                                                 |
| 绝缘电阻   | ≥500MΩ                                                                   |
| 接触电阻   | ≤0.2mΩ                                                                   |
| 温升     | ≤45K                                                                     |
| 环境性能   |                                                                          |
| 工作温度   | -40°C~+125°C                                                             |
| 盐雾     | 96H                                                                      |
| 常规要求   |                                                                          |
| 防护等级   | IPXXB IP67                                                               |
| 阻燃等级   | UL94 V-0                                                                 |
| 海拔高度   | 4000m                                                                    |
| 认证     | UL 4128; EN 61984 (TUV)                                                  |
| 线缆连接方式 | 压接                                                                       |
|        |                                                                          |
|        |                                                                          |
|        |                                                                          |

| Material                  |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| Housing Material          | PA66-GF                                                                  |
| Terminal Material         | Copper alloy,silver-plated                                               |
| Mechanical Performance    |                                                                          |
| Plugging Times            | 200                                                                      |
| Error-proofing            | 2 Keys,polarity error prevention                                         |
| Electrical Performance    |                                                                          |
| Rated Current             | 330A-95mm <sup>2</sup> /360A-120mm <sup>2</sup> /420A-150mm <sup>2</sup> |
| Rated Voltage             | DC 1500V                                                                 |
| Withstand Voltage         | AC 6800V                                                                 |
| Insulation Resistance     | ≥500MΩ                                                                   |
| Contact Resistance        | ≤0.2mΩ                                                                   |
| Temperature Rise          | ≤45K                                                                     |
| Environmental Performance |                                                                          |
| Ambient Temperature       | -40°C~+125°C                                                             |
| Salt Spray                | 96H                                                                      |
| General Requirements      |                                                                          |
| Protection Rating         | IPXXB IP67                                                               |
| Flame Retardant Rating    | UL94 V-0                                                                 |
| Altitude                  | 4000m                                                                    |
| Certification             | UL 4128; EN 61984 (TUV)                                                  |
| Cable Connection          | Crimping                                                                 |
|                           |                                                                          |
|                           |                                                                          |
|                           |                                                                          |

S1PES140S 储能快插连接器(防水款)

S1PES140S Quick plug connector for energy storage systems(waterproof)



🔍 技术特性 Technical Characteristics

| 材质选用   |                                      | Material                  |                                     |
|--------|--------------------------------------|---------------------------|-------------------------------------|
| 塑胶外壳   | PA66-GF                              | Housing Material          | PA66-GF                             |
| 端子材料   | 铜合金，镀银                               | Terminal Material         | Copper alloy,silver-plated          |
| 机械性能   |                                      | Mechanical Performance    |                                     |
| 插拔次数   | 200次                                 | Plugging Times            | 200                                 |
| 防错     | 2种键位，正负极防错                           | Error-proofing            | 2 Keys,polarity error prevention    |
| 电气性能   |                                      | Electrical Performance    |                                     |
| 额定电流   | 380A-120mm²/450A-150mm²/ 500A-185mm² | Rated Current             | 380A-120mm²/450A-150mm²/500A-185mm² |
| 额定电压   | DC 1500V                             | Rated Voltage             | DC 1500V                            |
| 耐受电压   | AC 6800V                             | Withstand Voltage         | AC 6800V                            |
| 绝缘电阻   | ≥500MΩ                               | Insulation Resistance     | ≥500MΩ                              |
| 接触电阻   | ≤0.3mΩ                               | Contact Resistance        | ≤0.3mΩ                              |
| 温升     | ≤45K                                 | Temperature Rise          | ≤45K                                |
| 环境性能   |                                      | Environmental Performance |                                     |
| 工作温度   | -40℃~+125℃                           | Ambient Temperature       | -40℃~+125℃                          |
| 盐雾     | 96H                                  | Salt Spray                | 96H                                 |
| 常规要求   |                                      | General Requirements      |                                     |
| 防护等级   | IPXXB IP67                           | Protection Rating         | IPXXB IP67                          |
| 阻燃等级   | UL94 V-0                             | Flame Retardant Rating    | UL94 V-0                            |
| 海拔高度   | 4000m                                | Altitude                  | 4000m                               |
| 认证     | UL 4128; EN 61984 (TUV)              | Certification             | UL 4128; EN 61984(TUV)              |
| 线缆连接方式 | 压接                                   | Cable Connection          | Crimping                            |
|        |                                      |                           |                                     |
|        |                                      |                           |                                     |
|        |                                      |                           |                                     |

S1PES140S 储能快插连接器(焊接款)

S1PES140S Quick plug connector for energy storage systems(welded model)

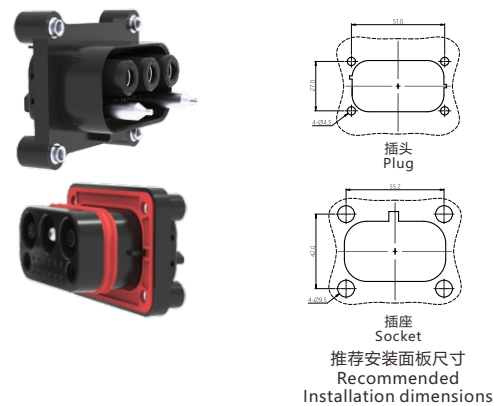


🔍 技术特性 Technical Characteristics

| 材质选用   |                         | Material                  |                                  |
|--------|-------------------------|---------------------------|----------------------------------|
| 塑胶外壳   | PA66-GF                 | Housing Material          | PA66-GF                          |
| 端子材料   | 铜合金，镀银                  | Terminal Material         | Copper alloy,silver-plated       |
| 机械性能   |                         | Mechanical Performance    |                                  |
| 插拔次数   | 200次                    | Plugging Times            | 200                              |
| 防错     | 4种键位，正负极防错              | Error-proofing            | 4 Keys,polarity error prevention |
| 电气性能   |                         | Electrical Performance    |                                  |
| 额定电流   | 450A-150mm²/500A-185mm² | Rated Current             | 450A-150mm²/500A-185mm²          |
| 额定电压   | DC 1500V                | Rated Voltage             | DC 1500V                         |
| 耐受电压   | AC 6800V                | Withstand Voltage         | AC 6800V                         |
| 绝缘电阻   | ≥500MΩ                  | Insulation Resistance     | ≥500MΩ                           |
| 接触电阻   | ≤0.15mΩ                 | Contact Resistance        | ≤0.15mΩ                          |
| 温升     | ≤45K                    | Temperature Rise          | ≤45K                             |
| 环境性能   |                         | Environmental Performance |                                  |
| 工作温度   | -40℃~+125℃              | Ambient Temperature       | -40℃~+125℃                       |
| 盐雾     | 96H                     | Salt Spray                | 96H                              |
| 常规要求   |                         | General Requirements      |                                  |
| 防护等级   | IPXXB IP67              | Protection Rating         | IPXXB IP67                       |
| 阻燃等级   | UL94 V-0                | Flame Retardant Rating    | UL94 V-0                         |
| 海拔高度   | 5000m                   | Altitude                  | 5000m                            |
| 线缆连接方式 | 超声波焊接                   | Cable Connection          | Ultrasonic welding               |
|        |                         |                           |                                  |
|        |                         |                           |                                  |
|        |                         |                           |                                  |
|        |                         |                           |                                  |

# 3+12 堆叠连接器

## 3+12 Stacked connector



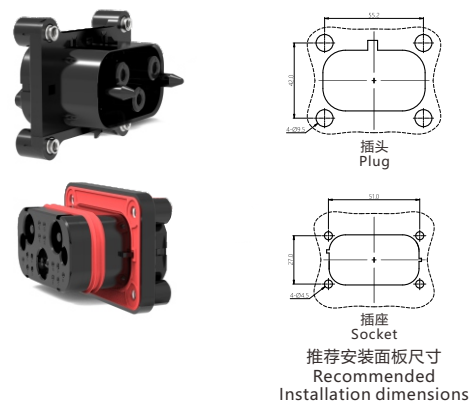
### 技术特性 Technical Characteristics

| 材质选用 |                                      |
|------|--------------------------------------|
| 塑胶外壳 | PA66-GF                              |
| 端子材料 | 铜合金，镀银                               |
| 机械性能 |                                      |
| 插拔次数 | 500次                                 |
| 电气性能 |                                      |
| 额定电流 | 60A (8AWG/10mm²) / 100A (4AWG/25mm²) |
| 额定电压 | DC 500V                              |
| 耐受电压 | AC 2500V                             |
| 绝缘电阻 | ≥500MΩ                               |
| 接触电阻 | ≤0.2mΩ                               |
| 温升   | ≤45K                                 |
| 环境性能 |                                      |
| 工作温度 | -40°C~+125°C                         |
| 盐雾   | 96H                                  |
| 常规要求 |                                      |
| 防护等级 | IPXXB                                |
| 阻燃等级 | UL94 V-0                             |
| 海拔高度 | 4000m                                |
| 认证   | UL 1977; EN 61984 (TUV)              |
|      |                                      |
|      |                                      |
|      |                                      |
|      |                                      |
|      |                                      |
|      |                                      |

| Material                  |                                   |
|---------------------------|-----------------------------------|
| Housing Material          | PA66-GF                           |
| Terminal Material         | Copper alloy,silver-plated        |
| Mechanical Performance    |                                   |
| Plugging Times            | 500                               |
| Electrical Performance    |                                   |
| Rated Current             | 60A(8AWG/10mm²)/ 100A(4AWG/25mm²) |
| Rated Voltage             | DC 500V                           |
| Withstand Voltage         | AC 2500V                          |
| Insulation Resistance     | ≥500MΩ                            |
| Contact Resistance        | ≤0.2mΩ                            |
| Temperature Rise          | ≤45K                              |
| Environmental Performance |                                   |
| Ambient Temperature       | -40°C~+125°C                      |
| Salt Spray                | 96H                               |
| General Requirements      |                                   |
| Protection Rating         | IPXXB                             |
| Flame Retardant Rating    | UL94 V-0                          |
| Altitude                  | 4000m                             |
| Certification             | UL 1977; EN 61984(TUV)            |
|                           |                                   |
|                           |                                   |
|                           |                                   |
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|                           |                                   |
|                           |                                   |

# 3+14 堆叠连接器

## 3+14 Stacked connector



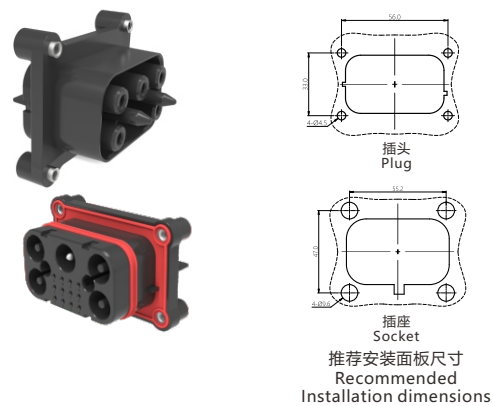
### 技术特性 Technical Characteristics

| 材质选用 |                         |
|------|-------------------------|
| 塑胶外壳 | PA66-GF                 |
| 端子材料 | 铜合金，镀银                  |
| 机械性能 |                         |
| 插拔次数 | 100次                    |
| 电气性能 |                         |
| 额定电流 | 64A                     |
| 额定电压 | DC 1000V                |
| 耐受电压 | AC 4250V                |
| 绝缘电阻 | ≥500MΩ                  |
| 接触电阻 | ≤0.5mΩ                  |
| 温升   | ≤45K                    |
| 环境性能 |                         |
| 工作温度 | -40°C~+125°C            |
| 盐雾   | 96H                     |
| 常规要求 |                         |
| 防护等级 | IPXXB                   |
| 阻燃等级 | UL94 V-0                |
| 海拔高度 | 4000m                   |
| 认证   | UL 4128; EN 61984 (TUV) |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |

| Material                  |                            |
|---------------------------|----------------------------|
| Housing Material          | PA66-GF                    |
| Terminal Material         | Copper alloy,silver-plated |
| Mechanical Performance    |                            |
| Plugging Times            | 100                        |
| Electrical Performance    |                            |
| Rated Current             | 64A                        |
| Rated Voltage             | DC 1000V                   |
| Withstand Voltage         | AC 4250V                   |
| Insulation Resistance     | ≥500MΩ                     |
| Contact Resistance        | ≤0.5mΩ                     |
| Temperature Rise          | ≤45K                       |
| Environmental Performance |                            |
| Ambient Temperature       | -40°C~+125°C               |
| Salt Spray                | 96H                        |
| General Requirements      |                            |
| Protection Rating         | IPXXB                      |
| Flame Retardant Rating    | UL94 V-0                   |
| Altitude                  | 4000m                      |
| Certification             | UL 4128; EN 61984(TUV)     |
|                           |                            |
|                           |                            |
|                           |                            |
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|                           |                            |
|                           |                            |

# 5+12 堆叠连接器

## 5+12 Stacked connector

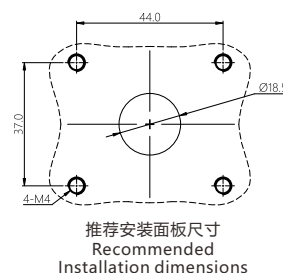
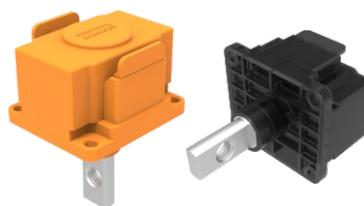


### 技术特性 Technical Characteristics

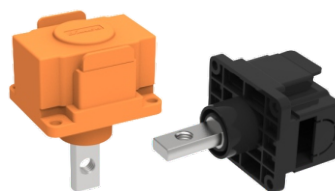
| 材质选用 |                         |
|------|-------------------------|
| 塑胶外壳 | PA66-GF                 |
| 端子材料 | 铜合金，镀银                  |
| 机械性能 |                         |
| 插拔次数 | 100次                    |
| 电气性能 |                         |
| 额定电流 | 64A                     |
| 额定电压 | DC 1000V                |
| 耐受电压 | AC 4800V                |
| 绝缘电阻 | ≥500MΩ                  |
| 接触电阻 | ≤0.5mΩ                  |
| 温升   | ≤45K                    |
| 环境性能 |                         |
| 工作温度 | -40°C~+125°C            |
| 盐雾   | 96H                     |
| 常规要求 |                         |
| 防护等级 | IPXXB                   |
| 阻燃等级 | UL94 V-0                |
| 海拔高度 | 4000m                   |
| 认证   | UL 4128; EN 61984 (TUV) |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |

| Material                  |                            |
|---------------------------|----------------------------|
| Housing Material          | PA66-GF                    |
| Terminal Material         | Copper alloy,silver-plated |
| Mechanical Performance    |                            |
| Plugging Times            | 100                        |
| Electrical Performance    |                            |
| Rated Current             | 64A                        |
| Rated Voltage             | DC 1000V                   |
| Withstand Voltage         | AC 4800V                   |
| Insulation Resistance     | ≥500MΩ                     |
| Contact Resistance        | ≤0.5mΩ                     |
| Temperature Rise          | ≤45K                       |
| Environmental Performance |                            |
| Ambient Temperature       | -40°C~+125°C               |
| Salt Spray                | 96H                        |
| General Requirements      |                            |
| Protection Rating         | IPXXB                      |
| Flame Retardant Rating    | UL94 V-0                   |
| Altitude                  | 4000m                      |
| Certification             | UL 4128; EN 61984(TUV)     |
|                           |                            |
|                           |                            |
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|                           |                            |

1000V 250A Bolt connector for energy storage systems(not waterproof)

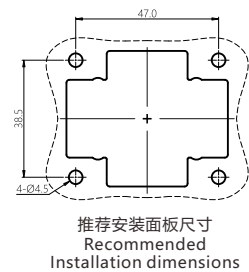
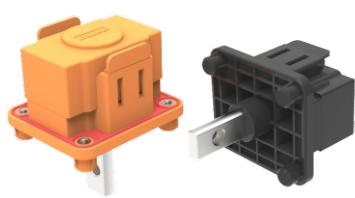
[illegible]

1500V 250A Bolt connector for energy storage systems(not waterproof)

[illegible]

# 1500V 250A 储能螺栓连接器(防水款)

## 1500V 250A Bolt connector for energy storage systems(waterproof)

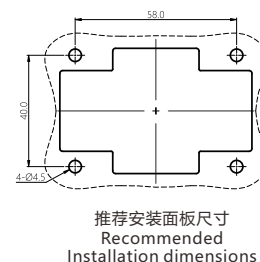
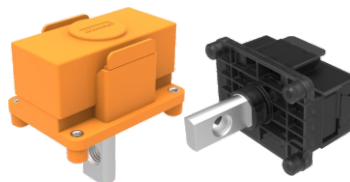


### 技术特性 Technical Characteristics

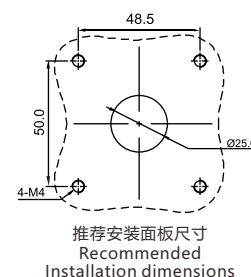
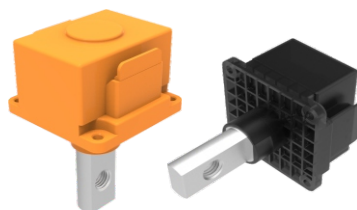
| 材质选用 |                         |
|------|-------------------------|
| 塑胶外壳 | PA66-GF                 |
| 端子材料 | 铜合金，表面镀镍，底镀锡            |
| 电气性能 |                         |
| 额定电流 | 250A                    |
| 额定电压 | DC 1500V                |
| 耐受电压 | DC 6800V                |
| 绝缘电阻 | ≥500MΩ                  |
| 接触电阻 | ≤0.5mΩ                  |
| 温升   | ≤45K                    |
| 环境性能 |                         |
| 工作温度 | -40℃~+125℃              |
| 盐雾   | 96H                     |
| 常规要求 |                         |
| 防护等级 | IP67(单边)                |
| 阻燃等级 | UL94 V-0                |
| 海拔高度 | 4000m                   |
| 认证   | UL 4128; EN 61984 (TUV) |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |
|      |                         |

| Material                  |                               |
|---------------------------|-------------------------------|
| Housing Material          | PA66-GF                       |
| Terminal Material         | Copper alloy,nickeling,tining |
| Electrical Performance    |                               |
| Rated Current             | 250A                          |
| Rated Voltage             | DC 1500V                      |
| Withstand Voltage         | DC 6800V                      |
| Insulation Resistance     | ≥500MΩ                        |
| Contact Resistance        | ≤0.5mΩ                        |
| Temperature Rise          | ≤45K                          |
| Environmental Performance |                               |
| Ambient Temperature       | -40℃~+125℃                    |
| Salt Spray                | 96H                           |
| General Requirements      |                               |
| Protection Rating         | IP67(unilateral)              |
| Flame Retardant Rating    | UL94 V-0                      |
| Altitude                  | 4000m                         |
| Certification             | UL 4128; EN 61984 (TUV)       |
|                           |                               |
|                           |                               |
|                           |                               |
|                           |                               |
|                           |                               |
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|                           |                               |
|                           |                               |

1500V 350A Bolt connector for energy storage systems(not waterproof)

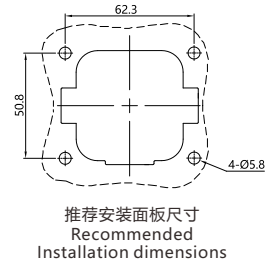
[illegible]

1000V 600A Bolt connector for energy storage systems(not waterproof)

[illegible]

# 250V 630A MSD(熔断器款)

## 250V 630A MSD(fuse)



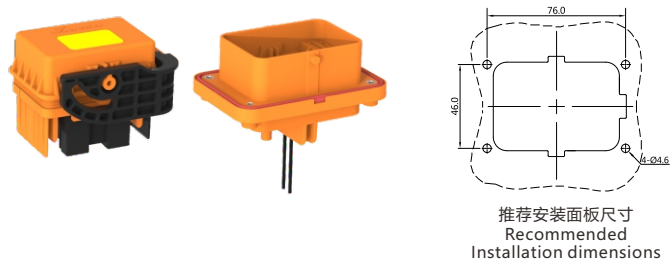
### 技术特性 Technical Characteristics

| 材质选用  |              |
|-------|--------------|
| 塑胶外壳  | PA66-GF      |
| 端子材料  | 铜合金，镀银       |
| 机械性能  |              |
| 插拔次数  | 200次         |
| 电气性能  |              |
| 熔断器电流 | 630A         |
| 额定电压  | DC 250V      |
| 耐受电压  | DC 6800V     |
| 绝缘电阻  | ≥5000MΩ      |
| 接触电阻  | ≤5mΩ         |
| 温升    | ≤45K         |
| 环境性能  |              |
| 工作温度  | -40°C~+125°C |
| 盐雾    | 240H         |
| 常规要求  |              |
| 防护等级  | IPXXB IP68   |
| 阻燃等级  | UL94 V-0     |
| 海拔高度  | 4000m        |
| 高压互锁  | 可选           |
|       |              |
|       |              |
|       |              |
|       |              |
|       |              |
|       |              |

| Material                  |                            |
|---------------------------|----------------------------|
| Housing Material          | PA66-GF                    |
| Terminal Material         | Copper alloy,silver-plated |
| Mechanical Performance    |                            |
| Plugging Times            | 200                        |
| Electrical Performance    |                            |
| Fuse Current              | 630A                       |
| Rated Voltage             | DC 250V                    |
| Withstand Voltage         | DC 6800V                   |
| Insulation Resistance     | ≥5000MΩ                    |
| Contact Resistance        | ≤5mΩ                       |
| Temperature Rise          | ≤45K                       |
| Environmental Performance |                            |
| Ambient Temperature       | -40°C~+125°C               |
| Salt Spray                | 240H                       |
| General Requirements      |                            |
| Protection Rating         | IPXXB IP68                 |
| Flame Retardant Rating    | UL94 V-0                   |
| Altitude                  | 4000m                      |
| High-voltage Interlock    | Optional                   |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |

# 500V MSD(熔断器款)

## 500V MSD(fuse)

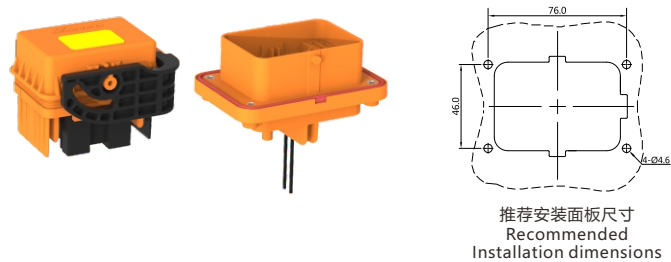


### 技术特性 Technical Characteristics

| 材质选用  |                               | Material                  |                               |
|-------|-------------------------------|---------------------------|-------------------------------|
| 塑胶外壳  | PA66-GF                       | Housing Material          | PA66-GF                       |
| 端子材料  | 铜合金，镀银                        | Terminal Material         | Copper alloy,silver-plated    |
| 机械性能  |                               | Mechanical Performance    |                               |
| 插拔次数  | 200次                          | Plugging Times            | 200                           |
| 电气性能  |                               | Electrical Performance    |                               |
| 熔断器电流 | 315A/350A/400A/500A/550A/630A | Fuse Current              | 315A/350A/400A/500A/550A/630A |
| 额定电压  | DC 500V                       | Rated Voltage             | DC 500V                       |
| 耐受电压  | DC 6800V                      | Withstand Voltage         | DC 6800V                      |
| 绝缘电阻  | ≥5000MΩ                       | Insulation Resistance     | ≥5000MΩ                       |
| 接触电阻  | ≤5mΩ                          | Contact Resistance        | ≤5mΩ                          |
| 温升    | ≤45K                          | Temperature Rise          | ≤45K                          |
| 环境性能  |                               | Environmental Performance |                               |
| 工作温度  | -40°C~+125°C                  | Ambient Temperature       | -40°C~+125°C                  |
| 盐雾    | 240H                          | Salt Spray                | 240H                          |
| 常规要求  |                               | General Requirements      |                               |
| 防护等级  | IPXXB IP68                    | Protection Rating         | IPXXB IP68                    |
| 阻燃等级  | UL94 V-0                      | Flame Retardant Rating    | UL94 V-0                      |
| 海拔高度  | 4000m                         | Altitude                  | 4000m                         |
| 高压互锁  | 可选                            | High-voltage Interlock    | Optional                      |
|       |                               |                           |                               |
|       |                               |                           |                               |
|       |                               |                           |                               |
|       |                               |                           |                               |
|       |                               |                           |                               |
|       |                               |                           |                               |

# 500V MSD(铜排款)

## 500V MSD( Busbar)

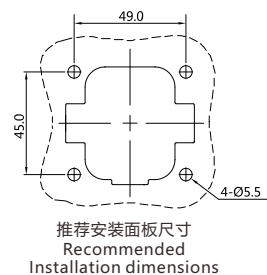


### 技术特性 Technical Characteristics

| 材质选用  |              | Material                  |                            |
|-------|--------------|---------------------------|----------------------------|
| 塑胶外壳  | PA66-GF      | Housing Material          | PA66-GF                    |
| 端子材料  | 铜合金，镀银       | Terminal Material         | Copper alloy,silver-plated |
| 机械性能  |              | Mechanical Performance    |                            |
| 插拔次数  | 200次         | Plugging Times            | 200                        |
| 电气性能  |              | Electrical Performance    |                            |
| 熔断器电流 | 250A/70mm²铜排 | Fuse Current              | 250A/70mm² busbar          |
| 额定电压  | DC 500V      | Rated Voltage             | DC 500V                    |
| 耐受电压  | DC 6800V     | Withstand Voltage         | DC 6800V                   |
| 绝缘电阻  | ≥5000MΩ      | Insulation Resistance     | ≥5000MΩ                    |
| 接触电阻  | ≤5mΩ         | Contact Resistance        | ≤5mΩ                       |
| 温升    | ≤45K         | Temperature Rise          | ≤45K                       |
| 环境性能  |              | Environmental Performance |                            |
| 工作温度  | -40°C~+125°C | Ambient Temperature       | -40°C~+125°C               |
| 盐雾    | 240H         | Salt Spray                | 240H                       |
| 常规要求  |              | General Requirements      |                            |
| 防护等级  | IPXXB IP68   | Protection Rating         | IPXXB IP68                 |
| 阻燃等级  | UL94 V-0     | Flame Retardant Rating    | UL94 V-0                   |
| 海拔高度  | 4000m        | Altitude                  | 4000m                      |
| 高压互锁  | 可选           | High-voltage Interlock    | Optional                   |
|       |              |                           |                            |
|       |              |                           |                            |
|       |              |                           |                            |
|       |              |                           |                            |
|       |              |                           |                            |
|       |              |                           |                            |

# 1500V 350A MSD

## 1500V 350A MSD



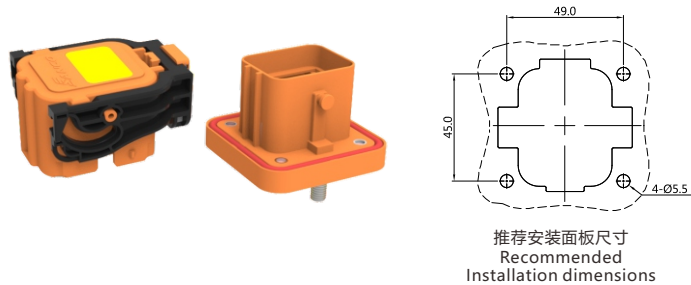
### 技术特性 Technical Characteristics

| 材质选用 |                         |
|------|-------------------------|
| 塑胶外壳 | PA66-GF                 |
| 端子材料 | 铜合金, 镀银                 |
| 机械性能 |                         |
| 插拔次数 | 200次                    |
| 电气性能 |                         |
| 额定电流 | 350A                    |
| 额定电压 | DC 1500V                |
| 耐受电压 | DC 6800V                |
| 绝缘电阻 | ≥5000MΩ                 |
| 接触电阻 | ≤0.5mΩ                  |
| 温升   | ≤45K                    |
| 环境性能 |                         |
| 工作温度 | -40°C~+125°C            |
| 盐雾   | 240H                    |
| 常规要求 |                         |
| 防护等级 | IPXXB IP68              |
| 阻燃等级 | UL94 V-0                |
| 海拔高度 | 4000m                   |
| 认证   | UL 4128; EN 61984 (TUV) |
| 高压互锁 | 可选                      |
|      |                         |
|      |                         |
|      |                         |
|      |                         |

| Material                  |                            |
|---------------------------|----------------------------|
| Housing Material          | PA66-GF                    |
| Terminal Material         | Copper alloy,silver-plated |
| Mechanical Performance    |                            |
| Plugging Times            | 200                        |
| Electrical Performance    |                            |
| Rated Current             | 350A                       |
| Rated Voltage             | DC 1500V                   |
| Withstand Voltage         | DC 6800V                   |
| Insulation Resistance     | ≥5000MΩ                    |
| Contact Resistance        | ≤0.5mΩ                     |
| Temperature Rise          | ≤45K                       |
| Environmental Performance |                            |
| Ambient Temperature       | -40°C~+125°C               |
| Salt Spray                | 240H                       |
| General Requirements      |                            |
| Protection Rating         | IPXXB IP68                 |
| Flame Retardant Rating    | UL94 V-0                   |
| Altitude                  | 4000m                      |
| Certification             | UL 4128; EN 61984(TUV)     |
| High-voltage Interlock    | Optional                   |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |

# 2000V 400A MSD

## 2000V 400A MSD



### 技术特性 Technical Characteristics

| 材质选用 |              |
|------|--------------|
| 塑胶外壳 | PA66-GF      |
| 端子材料 | 铜合金, 镀银      |
| 机械性能 |              |
| 插拔次数 | 200次         |
| 电气性能 |              |
| 额定电流 | 400A         |
| 额定电压 | DC 2000V     |
| 耐受电压 | DC 10000V    |
| 绝缘电阻 | ≥5000MΩ      |
| 接触电阻 | ≤0.5mΩ       |
| 温升   | ≤45K         |
| 环境性能 |              |
| 工作温度 | -40°C~+125°C |
| 盐雾   | 240H         |
| 常规要求 |              |
| 防护等级 | IPXXB IP68   |
| 阻燃等级 | UL94 V-0     |
| 海拔高度 | 4000m        |
| 高压互锁 | 可选           |
|      |              |
|      |              |
|      |              |
|      |              |
|      |              |
|      |              |

| Material                  |                            |
|---------------------------|----------------------------|
| Housing Material          | PA66-GF                    |
| Terminal Material         | Copper alloy,silver-plated |
| Mechanical Performance    |                            |
| Plugging Times            | 200                        |
| Electrical Performance    |                            |
| Rated Current             | 400A                       |
| Rated Voltage             | DC 2000V                   |
| Withstand Voltage         | DC 10000V                  |
| Insulation Resistance     | ≥5000MΩ                    |
| Contact Resistance        | ≤0.5mΩ                     |
| Temperature Rise          | ≤45K                       |
| Environmental Performance |                            |
| Ambient Temperature       | -40°C~+125°C               |
| Salt Spray                | 240H                       |
| General Requirements      |                            |
| Protection Rating         | IPXXB IP68                 |
| Flame Retardant Rating    | UL94 V-0                   |
| Altitude                  | 4000m                      |
| High-voltage Interlock    | Optional                   |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |
|                           |                            |

# 8芯 自锁连接器

## 8 Core self-locking connector



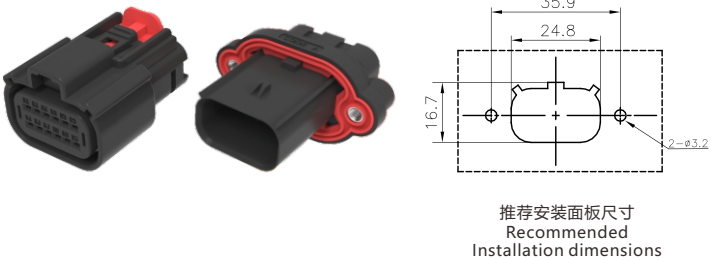
### 技术特性 Technical Characteristics

| 材质选用   |                              |
|--------|------------------------------|
| 塑胶外壳   | 尼龙                           |
| 端子材料   | 铜合金，镍底镀锡                     |
| 机械性能   |                              |
| 插拔次数   | 500次                         |
| 防错     | 3种键位                         |
| 电气性能   |                              |
| 额定电流   | 7.5A                         |
| 额定电压   | AC 250V                      |
| 耐受电压   | AC 1500V                     |
| 绝缘电阻   | ≥1000MΩ                      |
| 接触电阻   | ≤10mΩ                        |
| 环境性能   |                              |
| 工作温度   | -40℃~+125℃                   |
| 盐雾     | 96H                          |
| 常规要求   |                              |
| 防护等级   | IP67                         |
| 阻燃等级   | UL94 V-0                     |
| 认证     | 符合RoHS                       |
| 配对线缆外径 | Φ1.2~Φ2.2 (mm <sup>2</sup> ) |
|        |                              |
|        |                              |
|        |                              |
|        |                              |
|        |                              |

| Material                  |                                     |
|---------------------------|-------------------------------------|
| Housing Material          | Nylon                               |
| Terminal Material         | Copper alloy,tin plated over nickel |
| Mechanical Performance    |                                     |
| Plugging Times            | 500                                 |
| Error-proofing            | 3 Keys                              |
| Electrical Performance    |                                     |
| Rated Current             | 7.5A                                |
| Rated Voltage             | AC 250V                             |
| Withstand Voltage         | AC 1500V                            |
| Insulation Resistance     | ≥1000MΩ                             |
| Contact Resistance        | ≤10mΩ                               |
| Environmental Performance |                                     |
| Ambient Temperature       | -40℃~+125℃                          |
| Salt Spray                | 96H                                 |
| General Requirements      |                                     |
| Protection Rating         | IP67                                |
| Flame Retardant Rating    | UL94 V-0                            |
| Certification             | RoHS compliant                      |
| Paired Cable Outer        | Φ1.2~Φ2.2                           |
| Diameter                  |                                     |
|                           |                                     |
|                           |                                     |
|                           |                                     |
|                           |                                     |

# 12芯 低压信号连接器

## 12 Core low-voltage signal connector



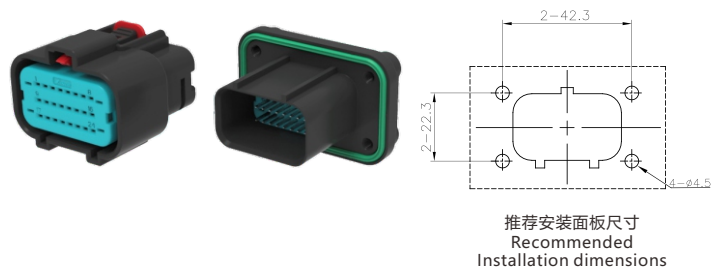
### 技术特性 Technical Characteristics

| 材质选用   |                    |
|--------|--------------------|
| 塑胶外壳   | PA66-GF            |
| 端子材料   | 铜合金, 镀锡            |
| 机械性能   |                    |
| 插拔次数   | 100次               |
| 防错     | 3种键位               |
| 电气性能   |                    |
| 额定电流   | 2A                 |
| 额定电压   | DC 60V             |
| 耐受电压   | DC 1600V           |
| 绝缘电阻   | ≥100MΩ             |
| 接触电阻   | ≤10mΩ              |
| 温升     | ≤50K               |
| 环境性能   |                    |
| 工作温度   | -40℃~+125℃         |
| 盐雾     | 48H                |
| 常规要求   |                    |
| 防护等级   | IP67               |
| 阻燃等级   | UL94 V-0           |
| 海拔高度   | 5000m              |
| 认证     | 符合RoHS             |
| Pin数   | 12                 |
| 配对线缆外径 | Φ1.4~Φ1.8 (0.5mm²) |
|        |                    |
|        |                    |

| Material                  |                            |
|---------------------------|----------------------------|
| Housing Material          | PA66-GF                    |
| Terminal Material         | Copper alloy,silver-plated |
| Mechanical Performance    |                            |
| Plugging Times            | 100                        |
| Error-proofing            | 3 Keys                     |
| Electrical Performance    |                            |
| Rated Current             | 2A                         |
| Rated Voltage             | DC 60V                     |
| Withstand Voltage         | DC 1600V                   |
| Insulation Resistance     | ≥100MΩ                     |
| Contact Resistance        | ≤10mΩ                      |
| Temperature Rise          | ≤50K                       |
| Environmental Performance |                            |
| Ambient Temperature       | -40℃~+125℃                 |
| Salt Spray                | 48H                        |
| General Requirements      |                            |
| Protection Rating         | IP67                       |
| Flame Retardant Rating    | UL94 V-0                   |
| Altitude                  | 5000m                      |
| Certification             | RoHS compliant             |
| Number of Pin             | 12                         |
| Paired Cable Outer        | Φ1.4~Φ1.8(0.5mm²)          |
| Diameter                  |                            |
|                           |                            |

# 24芯 低压信号连接器

## 24 Core low-voltage signal connector



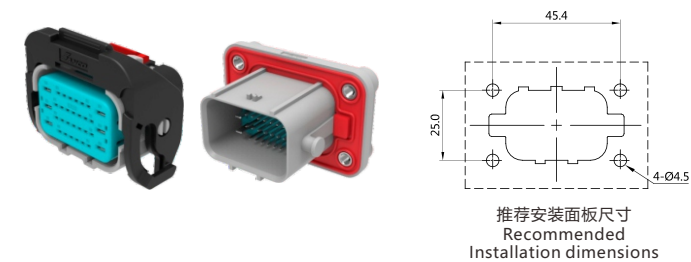
### 技术特性 Technical Characteristics

| 材质选用   |                                 |
|--------|---------------------------------|
| 塑胶外壳   | PA66-GF                         |
| 端子材料   | 铜合金, 镀锡                         |
| 机械性能   |                                 |
| 插拔次数   | 100次                            |
| 防错     | 3种键位                            |
| 电气性能   |                                 |
| 额定电流   | 2A                              |
| 额定电压   | DC 60V                          |
| 耐受电压   | DC 1600V                        |
| 绝缘电阻   | ≥100MΩ                          |
| 接触电阻   | ≤10mΩ                           |
| 温升     | ≤50K                            |
| 环境性能   |                                 |
| 工作温度   | -40℃~+125℃                      |
| 盐雾     | 48H                             |
| 常规要求   |                                 |
| 防护等级   | IP67                            |
| 阻燃等级   | UL94 V-0                        |
| 海拔高度   | 5000m                           |
| 认证     | 符合RoHS                          |
| Pin数   | 24                              |
| 配对线缆外径 | Φ1.4~Φ1.8 (0.5mm <sup>2</sup> ) |
|        |                                 |
|        |                                 |

| Material                  |                                |
|---------------------------|--------------------------------|
| Housing Material          | PA66-GF                        |
| Terminal Material         | Copper alloy,silver-plated     |
| Mechanical Performance    |                                |
| Plugging Times            | 100                            |
| Error-proofing            | 3 Keys                         |
| Electrical Performance    |                                |
| Rated Current             | 2A                             |
| Rated Voltage             | DC 60V                         |
| Withstand Voltage         | DC 1600V                       |
| Insulation Resistance     | ≥100MΩ                         |
| Contact Resistance        | ≤10mΩ                          |
| Temperature Rise          | ≤50K                           |
| Environmental Performance |                                |
| Ambient Temperature       | -40℃~+125℃                     |
| Salt Spray                | 48H                            |
| General Requirements      |                                |
| Protection Rating         | IP67                           |
| Flame Retardant Rating    | UL94 V-0                       |
| Altitude                  | 5000m                          |
| Certification             | RoHS compliant                 |
| Number of Pin             | 24                             |
| Paired Cable Outer        | Φ1.4~Φ1.8(0.5mm <sup>2</sup> ) |
| Diameter                  |                                |
|                           |                                |

# 32芯 低压信号连接器

## 32 Core low-voltage signal connector



### 技术特性 Technical Characteristics

| 材质选用   |                                            |
|--------|--------------------------------------------|
| 塑胶外壳   | PA66-GF                                    |
| 端子材料   | 铜合金，镀锡                                     |
| 机械性能   |                                            |
| 插拔次数   | 100次                                       |
| 防错     | 3种键位                                       |
| 电气性能   |                                            |
| 额定电流   | 2A                                         |
| 额定电压   | DC 60V                                     |
| 耐受电压   | DC 1600V                                   |
| 绝缘电阻   | ≥100MΩ                                     |
| 接触电阻   | ≤10mΩ                                      |
| 温升     | ≤50K                                       |
| 环境性能   |                                            |
| 工作温度   | -40℃~+125℃                                 |
| 盐雾     | 48H                                        |
| 常规要求   |                                            |
| 防护等级   | IP67                                       |
| 阻燃等级   | UL94 V-0                                   |
| 海拔高度   | 5000m                                      |
| 认证     | 符合RoHS                                     |
| Pin数   | 6 (Power) +26 (Signal)                     |
| 配对线缆外径 | Power: Φ3.0~Φ4.0 (1.5~2.5mm <sup>2</sup> ) |
|        | Signal: Φ1.4~Φ1.8 (0.5mm <sup>2</sup> )    |

| Material                  |                                          |
|---------------------------|------------------------------------------|
| Housing Material          | PA66-GF                                  |
| Terminal Material         | Copper alloy,silver-plated               |
| Mechanical Performance    |                                          |
| Plugging Times            | 100                                      |
| Error-proofing            | 3 Keys                                   |
| Electrical Performance    |                                          |
| Rated Current             | 2A                                       |
| Rated Voltage             | DC 60V                                   |
| Withstand Voltage         | DC 1600V                                 |
| Insulation Resistance     | ≥100MΩ                                   |
| Contact Resistance        | ≤10mΩ                                    |
| Temperature Rise          | ≤50K                                     |
| Environmental Performance |                                          |
| Ambient Temperature       | -40℃~+125℃                               |
| Salt Spray                | 48H                                      |
| General Requirements      |                                          |
| Protection Rating         | IP67                                     |
| Flame Retardant Rating    | UL94 V-0                                 |
| Altitude                  | 5000m                                    |
| Certification             | RoHS compliant                           |
| Number of Pin             | 6(Power)+26(Signal)                      |
| Paired Cable Outer        | Power:Φ3.0~Φ4.0(1.5~2.5mm <sup>2</sup> ) |
| Diameter                  | Signal:Φ1.4~Φ1.8(0.5mm <sup>2</sup> )    |



