



YONGGUI  
证券代码:300351  
Stock Code: 300351

2026版 新能源互联方案

# 储能产品手册

Energy storage product manual

永 贵 连 接  
Connectors of Yonggui

连 接 专 家  
Connecting to specialists



## 浙江永贵电器股份有限公司

Zhejiang Yonggui Electric Equipment Co.,Ltd

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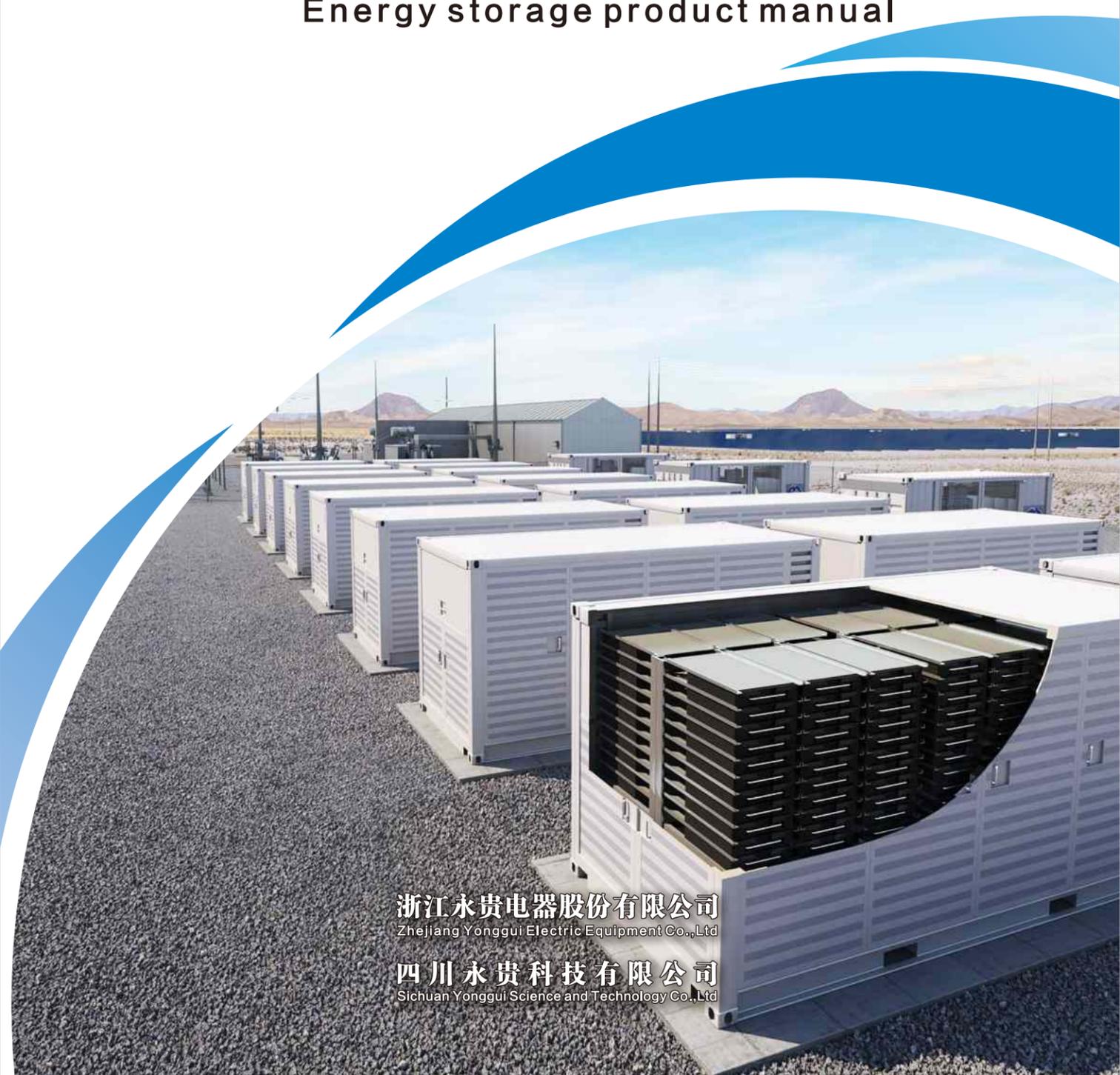
## 四川永贵科技有限公司

Sichuan Yonggui Science and Technology Co.,Ltd

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Mianyang, Sichuan  
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Zhejiang Yonggui Electric Equipment Co.,Ltd

四川永贵科技有限公司  
Sichuan Yonggui Science and Technology Co.,Ltd

# 公司简介

## Company profile

浙江永贵电器股份有限公司  
Zhejiang Yonggui Electric Equipment Co., Ltd

浙江永贵电器股份有限公司始创于1973年，专注于各类电连接器、连接器组件及精密智能产品的研发、制造、销售和技术支持，是国内轨道交通连接器龙头企业，在新能源汽车高压互连产品与充电系统领域占据国内领先地位，2012年9月在深交所创业板上市，总部位于浙江台州，在四川、深圳、上海、江苏等地设有研发中心和生产基地，现有员工总数2000多人。

公司产品涉及轨道交通与工业、车载与能源信息、特种装备三大业务板块，进入了全国各地铁公司、比亚迪、吉利、上汽、一汽、广汽、长安等供应链体系，目标成为世界级互连方案提供商。

Zhejiang Yonggui Electric Appliance Co., Ltd. was founded in 1973, focusing on the research and development, manufacturing, sales, and technical support of various electrical connectors, connector components, and precision intelligent products. It is a leading domestic rail transit connector enterprise, occupying a leading position in the field of high-voltage interconnection products and charging systems for new energy vehicles. In September 2012, it was listed on the Shenzhen Stock Exchange Growth Enterprise Market, headquartered in Taizhou, Zhejiang, and located in Sichuan, Shenzhen, Shanghai Jiangsu and other regions have research and development centers and production bases, with a total of over 2000 employees.

The company's products involve three major business sectors: rail transit and industry, vehicle and energy information, and special equipment. They have entered the supply chain systems of various subway companies, BYD, Geely, SAIC, FAW, GAC, and Changan across the country, with the goal of becoming a world-class provider of interconnection solutions.



# 四川公司简介

Sichuan company profile

四川永贵科技有限公司  
Sichuan Yonggui Science and Technology Co.,Ltd

四川永贵科技有限公司成立于2008年3月，注册资金1.2亿元，资产总值18.1亿元，系浙江永贵电器股份有限公司（股票代码：300351）的全资子公司。

公司占地200余亩，厂房及办公面积20万余平方米；拥有各类研发、生产设备5500余台（套），是国家级高新技术企业、国家知识产权示范企业、国家级专精特新小巨人企业、国家绿色工厂，拥有自主的核心技术，能为国家重点装备业提供可靠连接器系列产品及技术服务，为互连系统提供整体解决方案的专业化产品公司。

Sichuan Yonggui Technology Co., Ltd. was established in March 2008 with a registered capital of 120 million yuan and a total asset value of 1.81 billion yuan. It is a wholly-owned subsidiary of Zhejiang Yonggui Electric Appliance co.,Ltd.(Stock code:300351)

The company covers an area of more than 200 mu, with a plant and office area of over 200,000 square meters. It owns more than 5,500 sets of R&D and production equipment of various types. As a national high-tech enterprise, a national intellectual property demonstration enterprise, a national specialized, special and new "little giant" enterprise, and a national green factory, it has independent core technologies. It can provide reliable connector series products and technical services for the national key equipment industry, and is a professional product company that provides overall solutions for interconnection systems.



# YONGGUI

## 企业文化

Enterprise Culture

人本、高效、勤俭、创新

People-oriented, efficient, diligence, innovation.

## 企业宗旨

Enterprise Tenet

时刻跟随市场发展  
始终关注顾客需求

Always follow the development of the market  
and always pay attention to customer needs

## 经营理念

Enterprise Philosophy

以客户为中心 实现价值最大化

Customer centric, achieving maximum value

## 企业愿景

Enterprise Vision

致力于成为世界级互连方案提供商

Dedicated to becoming a world-class provider of interconnect solutions

## 企业核心价值观

Core values of the enterprise

天道酬勤 共创共赢

Hard work pays off, co creation and win-win situation



613<sup>+项</sup>

自主研发国家专利授权  
National authorized patent

50<sup>+种</sup>

公司检测试验设备  
Testing equipment

640<sup>+人</sup>

专业技术研发人员  
Professional technical research and  
development personnel

6<sup>↑</sup>

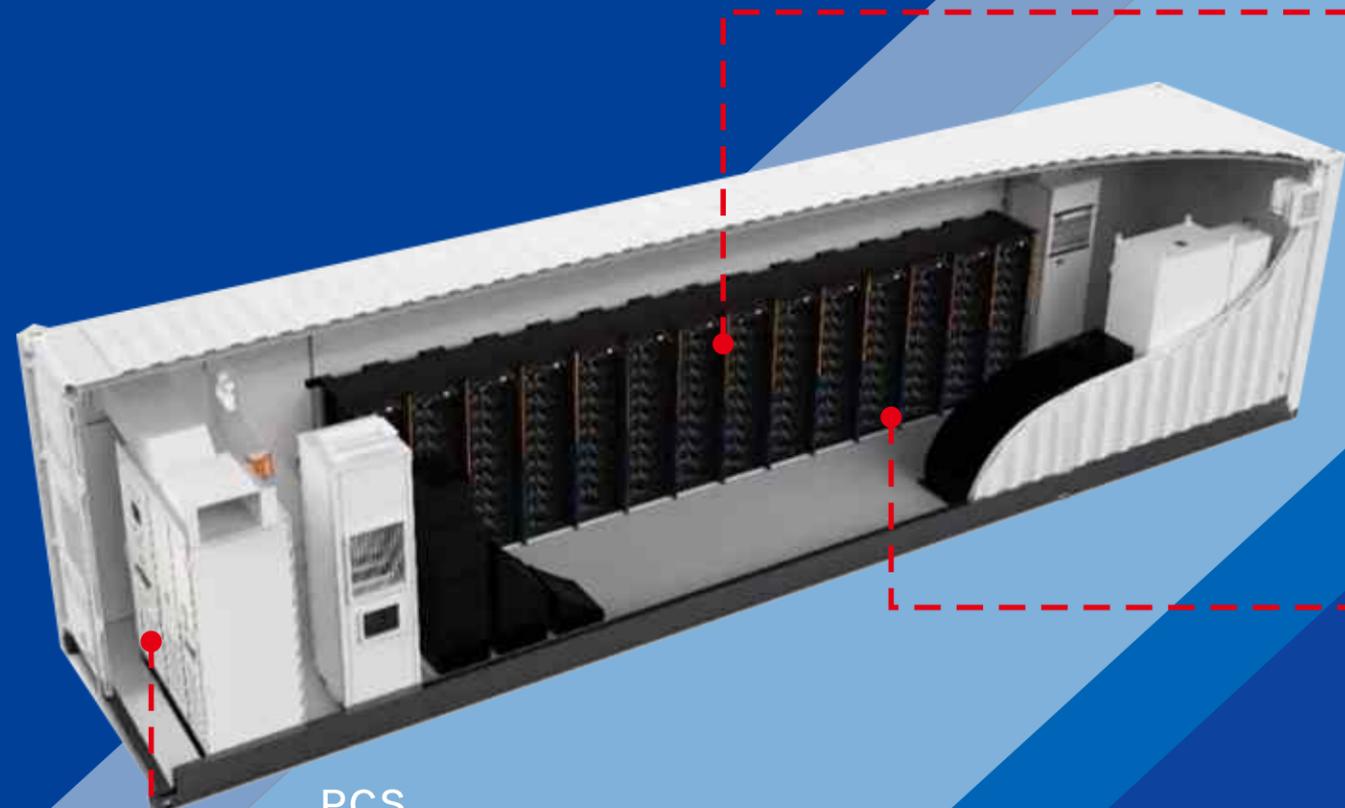
制造加工事业部  
Manufacturing and processing centers

研发中心

# 工商业及大储能

## 示意图

SCHEMATIC DIAGRAM OF INDUSTRY, COMMERCE, AND LARGE ENERGY STORAGE



Cell Pack&BMS



高压箱



PCS



# 户用储能

## 示意图

SCHEMATIC DIAGRAM  
OF LARGE ENERGY STORAGE



CELL PACK&BMS



CELL PACK&BMS



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单芯高防护系列（一代）



单芯高防护系列（二代）



单芯风冷系列



混装户储系列



手动维护开关系列



信号系列



流体连接器系列



集成系列





### 应用范围 Application

- 储能系统（电池pack）的功率传输。  
Apply for power transmission of energy storage system (battery pack).

### 产品描述 Description

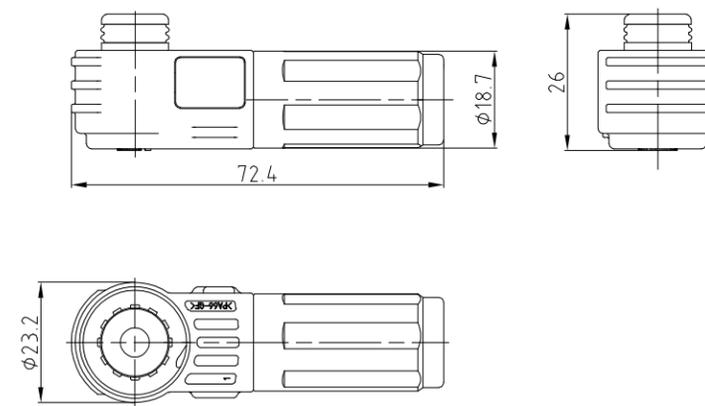
- 防触电保护 Touch-proof
- 颜色/键位防呆Poka-yoke:  
正极橙色Orange for positive、负极黑色Black for negative
- 多角度插合Multi angle insertion
- 锁紧方式Lock mode: 按钮锁紧Button locking
- 端接方式Termination Methods:  
冷压Crimp termination、螺钉锁紧Screw termination

### 性能参数 Specification

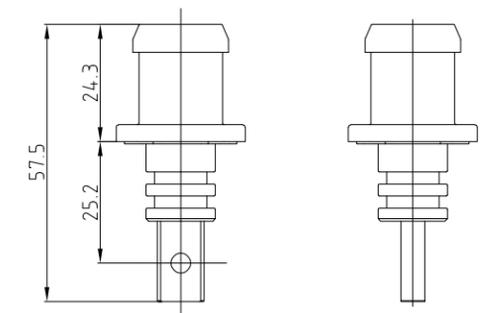
- 芯数Pins: 1
- 额定电流Current Rating: 80A(16mm<sup>2</sup>)、120A(25mm<sup>2</sup>)
- 额定电压Voltage Rating: 1500V DC
- 耐电压Dielectric Withstanding Voltage: 6800V AC 50Hz
- 绝缘电阻Insulation Resistance: ≥100MΩ
- 工作温度Operating Temperature: -40℃ ~ +125℃
- 线缆规格 Cable specification: 16mm<sup>2</sup>、25mm<sup>2</sup>
- 温升 temperature rise: ≤45K
- 防护等级Protection Class: IP67(Mated)
- 机械寿命Mechanical Life: ≥100 cycles
- 认证证书Certification: UL4128、CE

单芯高防护系列（一代）

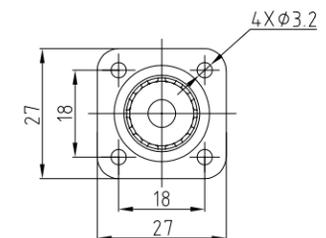
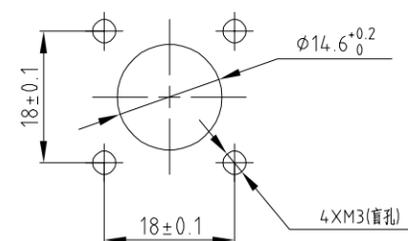
ESC-HP120插头



ESC-HP120插座



ESC-HP120安装开孔尺寸



SINGLE CORE HIGH PROTECTION SERIES  
(GENERATION 1)

# ESC-HP400电连接器

## ESC-HP400CONNECTOR INTRODUCTION

单芯高防护系列（一代）

单芯高防护系列（二代）

单芯风冷系列

混装户储系列

手动维护开关系列

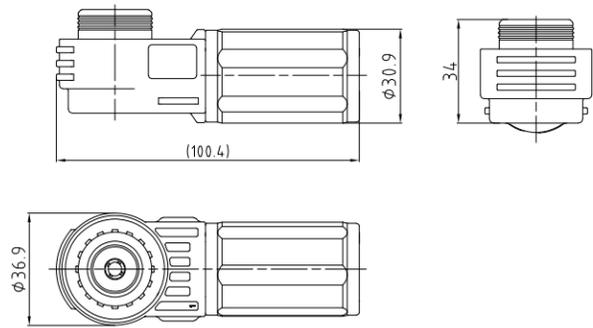
信号系列

流体连接器系列

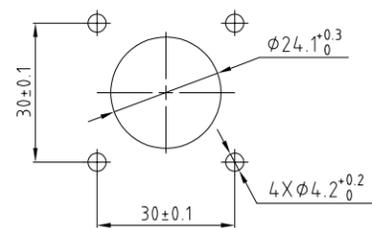
集成系列



ESC-HP400 插头



ESC-HP400 安装开孔尺寸



### 应用范围 Application

- 储能系统（电池pack）的功率传输。  
Apply for power transmission of energy storage system (battery pack).

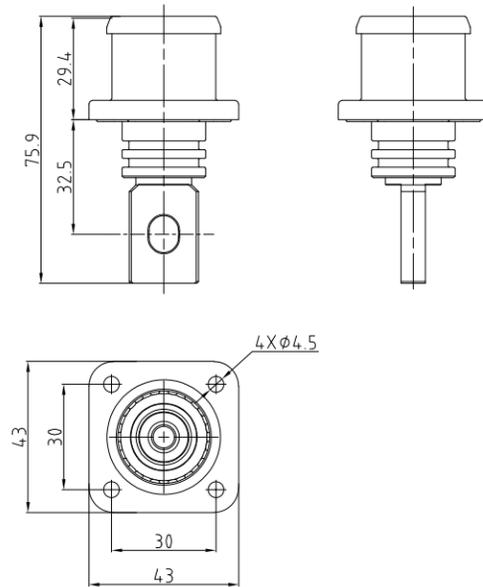
### 产品描述 Description

- 防触电保护 Touch-proof
- 颜色/键位防呆Poka-yoke:  
正极橙色Orange for positive、负极黑色Black for negative
- 多角度插合Multi angle insertion
- 锁紧方式Lock mode: 按钮锁紧Button locking
- 端接方式Termination Methods:  
冷压Crimp termination、螺钉锁紧Screw termination

### 性能参数 Specification

- 芯数Pins: 1
- 额定电流Current Rating: 300A(95mm<sup>2</sup>)、350A(4/0AWG) 400A(120mm<sup>2</sup>)
- 额定电压Voltage Rating: 1500V DC
- 耐电压Dielectric Withstanding Voltage: 6800V AC 50Hz
- 绝缘电阻Insulation Resistance: ≥100MΩ
- 工作温度Operating Temperature: -40℃ ~ +125℃
- 线径规格Cable specification: 95mm<sup>2</sup>、4/0AWG、120mm<sup>2</sup>
- 温升 temperature rise: ≤45K
- 防护等级Protection Class: IP67(Mated)
- 机械寿命Life Cycle: ≥100 cycles
- 认证证书Certification: UL4128、TUV、CE

ESC-HP400 插座



单芯高防护系列（二代）

SINGLE CORE HIGH PROTECTION SERIES (GENERATION 2)

# ESC-HPB120电连接器

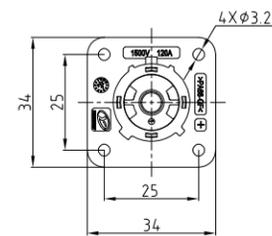
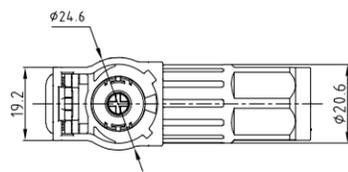
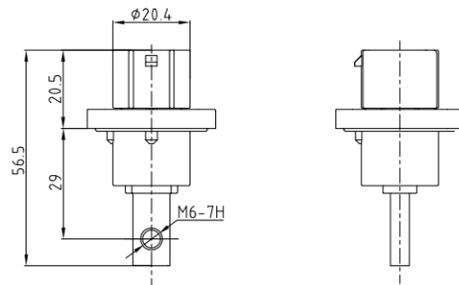
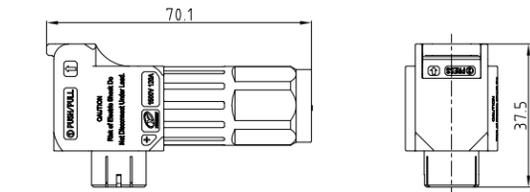
ESC-HPB120 CONNECTOR INTRODUCTION



<b>应用范围 Application</b>
● 储能系统(电池pack)的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护Touch-proof ● 颜色/键位防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative ● 插合后可360° 旋转 360° rotation after insertion ● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock ● 端接方式Termination Methods: 冷压Crimp termination、螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数Pins: 1 ● 额定电流Current Rating: 120A(25mm <sup>2</sup> )、150A(35mm <sup>2</sup> ) ● 额定电压Voltage Rating: 1500V DC ● 耐电压Dielectric Withstanding Voltage: 6800V AC 50Hz ● 绝缘电阻Insulation Resistance: ≥100MΩ ● 工作温度Operating Temperature: -40℃ ~ +125℃ ● 线径规格Cable specification: 25mm <sup>2</sup> 、35mm <sup>2</sup> ● 温升temperature rise: ≤45K ● 防护等级Protection Class: IP67(Mated) ● 机械寿命Mechanical Life: ≥100 cycles ● 认证证书Certification: TUV、CE

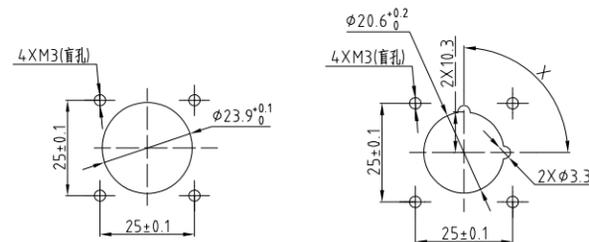
ESC-HPB120 插头

ESC-HPB120 插座



ESC-HPB120 安装开孔尺寸

ESC-HPB250 安装开孔尺寸



主键-防呆键角度对照表				
型号	A	B	C	D
颜色	橙色	橙色	黑色	黑色
防呆键角度X	90°	60°	180°	120°



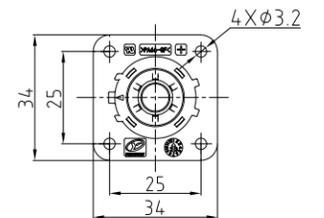
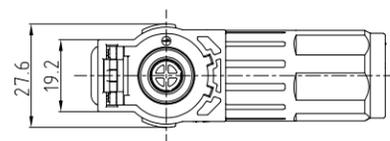
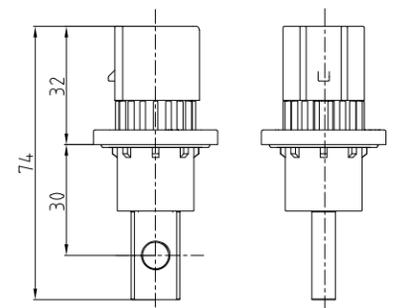
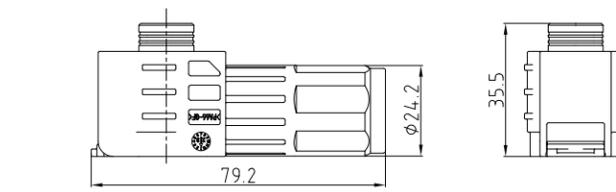
# ESC-HPB250电连接器

ESC-HPB250 CONNECTOR INTRODUCTION

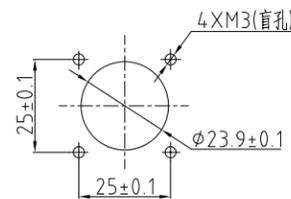
<b>应用范围 Application</b>
● 储能系统(电池pack)的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护Touch-proof ● 颜色/键位防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative ● 插合后可360° 旋转 360° rotation after insertion ● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock ● 端接方式Termination Methods: 冷压Crimp termination、螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数Pins: 1 ● 额定电流Current Rating: 150A(35mm <sup>2</sup> )、200A(50mm <sup>2</sup> ) 250A(70mm <sup>2</sup> ) ● 额定电压Voltage Rating: 1500V DC ● 耐电压Dielectric Withstanding Voltage: 6800V AC 50Hz ● 绝缘电阻Insulation Resistance: ≥100MΩ ● 工作温度Operating Temperature: -40℃ ~ +125℃ ● 线径规格 Cable specification: 35mm <sup>2</sup> 、50mm <sup>2</sup> 、70mm <sup>2</sup> ● 温升Temperature rise: ≤45K ● 防护等级Protection Class: IP67(Mated) ● 机械寿命Mechanical Life: ≥100 cycles ● 认证证书Certification: UL4128、TUV、CE

ESC-HPB250 插头

ESC-HPB250 插座



ESC-HPB250 安装开孔尺寸



# ESC-HPB250-A电连接器

ESC-HPB250-A CONNECTOR INTRODUCTION

### 应用范围 Application

- 储能系统(电池pack)的功率传输。  
Apply for power transmission of energy storage system (battery pack).

### 产品描述 Description

- 防触电保护 Touch-proof
- 颜色/键位防呆 Poka-yoke:  
正极橙色 Orange for positive、负极黑色 Black for negative
- 插入后可360° 旋转 360° rotation after insertion
- 锁紧方式 Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
- 端接方式 Termination Methods:  
冷压 Crimp termination、螺钉锁紧 Screw termination

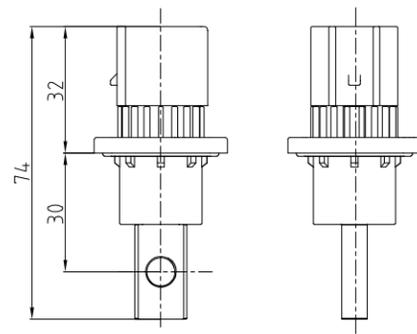
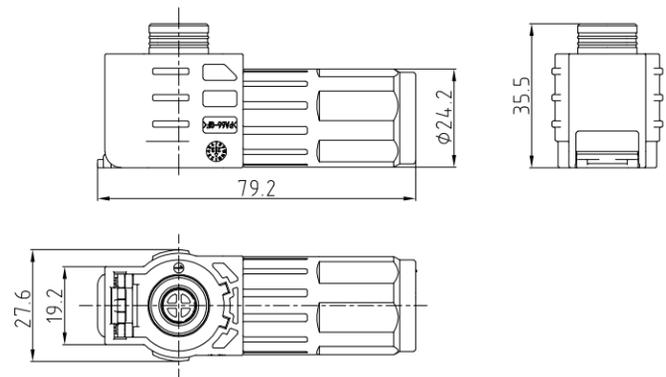
### 性能参数 Specification

- 芯数 Pins: 1
- 额定电流 Current Rating: 150A(35mm<sup>2</sup>)、200A(50mm<sup>2</sup>)、250A(70mm<sup>2</sup>)
- 额定电压 Voltage Rating: 1500V DC
- 耐电压 Dielectric Withstanding Voltage: 6800V AC 50Hz
- 绝缘电阻 Insulation Resistance: ≥100MΩ
- 工作温度 Operating Temperature: -40℃ ~ +125℃
- 线缆规格 Cable specification: 35mm<sup>2</sup>、50mm<sup>2</sup>、70mm<sup>2</sup>
- 温升 Temperature rise: ≤45K
- 防护等级 Protection Class: IP67(Mated)
- 机械寿命 Mechanical Life: ≥100 cycles
- 认证证书 Certification: UL4128、TUV、CE

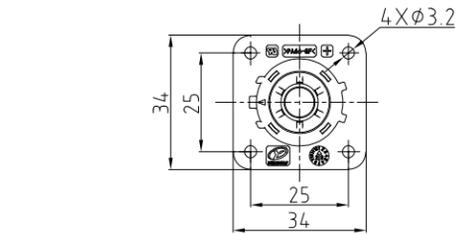
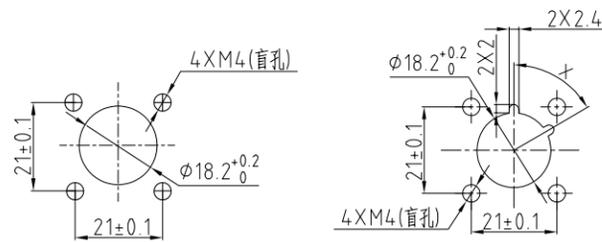


ESC-HPB250-A插头

ESC-HPB250-A插座



ESC-HPB250-A 安装开孔尺寸



主键-防呆键角度对照表

型号	A	B	C	D
颜色	橙色	橙色	黑色	黑色
防呆键角度 X	60°	120°	90°	180°

# ESC-HPB250-B电连接器

ESC-HPB250-B CONNECTOR INTRODUCTION

### 应用范围 Application

- 储能系统(电池pack)的功率传输。  
Apply for power transmission of energy storage system (battery pack).

### 产品描述 Description

- 防触电保护 Touch-proof
- 颜色/键位防呆 Poka-yoke:  
正极橙色 Orange for positive、负极黑色 Black for negative
- 插入后可360° 旋转 360° rotation after insertion
- 塑封插座板前安装 Installation before plastic sealed socket board
- 锁紧方式 Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
- 端接方式 Termination Methods:  
冷压 Crimp termination、螺钉锁紧 Screw termination

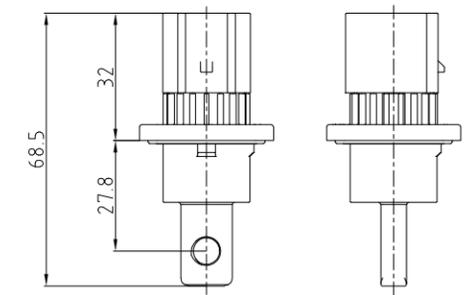
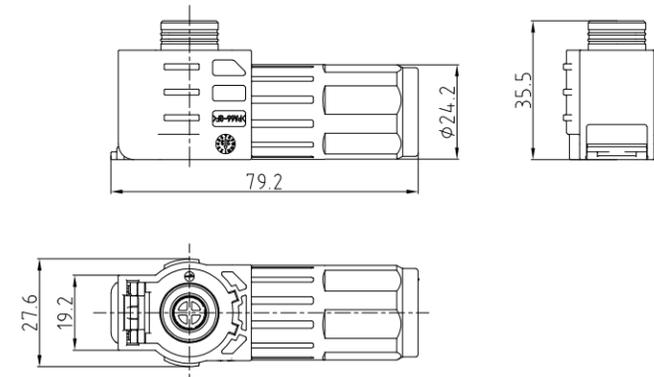
### 性能参数 Specification

- 芯数 Pins: 1
- 额定电流 Current Rating: 150A(35mm<sup>2</sup>)、200A(50mm<sup>2</sup>)、250A(70mm<sup>2</sup>)
- 额定电压 Voltage Rating: 1500V DC
- 耐电压 Dielectric Withstanding Voltage: 6800V AC 50Hz
- 绝缘电阻 Insulation Resistance: ≥100MΩ
- 工作温度 Operating Temperature: -40℃ ~ +125℃
- 线缆规格 Cable specification: 35mm<sup>2</sup>、50mm<sup>2</sup>、70mm<sup>2</sup>
- 温升 temperature rise: ≤45K
- 防护等级 Protection Class: IP67(Mated)
- 机械寿命 Mechanical Life: ≥100 cycles
- 认证证书 Certification: UL4128、TUV、CE

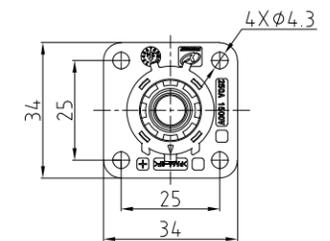
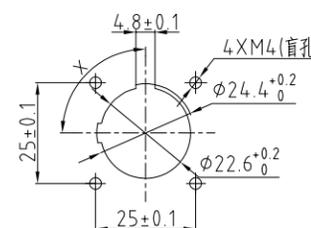


ESC-HPB250-B 插头

ESC-HPB250-B 插座



ESC-HPB250-B 安装开孔尺寸



防呆键角度对照表

型号	Y	B
颜色	橙色	橙色
防呆键角度 X	90°	180°

# ESC-HPB250-C电连接器

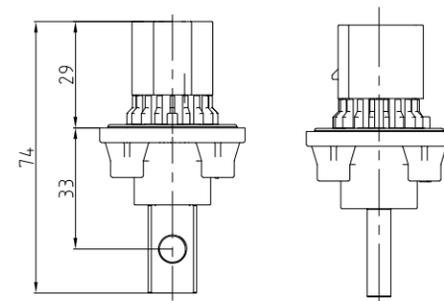
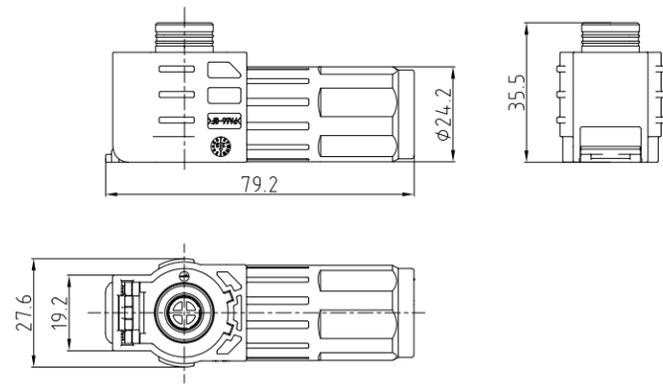
## ESC-HPB250-C CONNECTOR INTRODUCTION



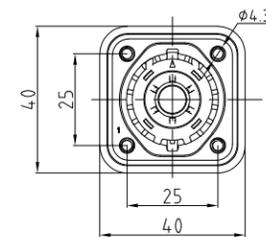
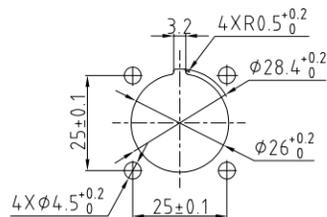
<b>应用范围 Application</b>
● 储能系统 (电池pack) 的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护 Touch-proof
● 颜色/键位防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative
● 插合后可360° 旋转 360° rotation after insertion
● 塑封插座板后安装 Installation after plastic sealed socket board
● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
● 端接方式Termination Methods: 冷压Crimp termination、螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数Pins: 1
● 额定电流Current Rating: 150A(35mm <sup>2</sup> )、200A(50mm <sup>2</sup> )、250A(70mm <sup>2</sup> )
● 额定电压Voltage Rating: 1500V DC
● 耐电压Dielectric Withstanding Voltage: 6800V AC 50Hz
● 绝缘电阻Insulation Resistance: ≥100MΩ
● 工作温度Operating Temperature: -40℃ ~ +125℃
● 线缆规格Cable specification: 35mm <sup>2</sup> 、50mm <sup>2</sup> 、70 mm <sup>2</sup>
● 温升temperature rise: ≤45K
● 防护等级Protection Class: IP67(Mated)
● 机械寿命Mechanical Life: ≥100 cycles
● 认证证书Certification: UL4128、TUV、CE

ESC-HPB250-C 插头

ESC-HPB250-C 插座



ESC-HPB250-C 安装开孔尺寸



# ESC-HPB250直式电连接器

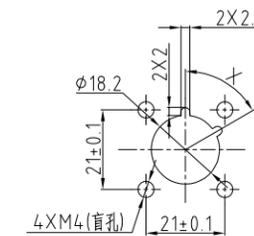
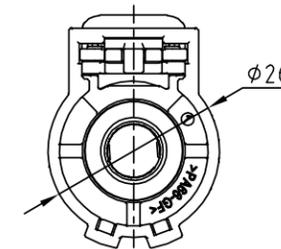
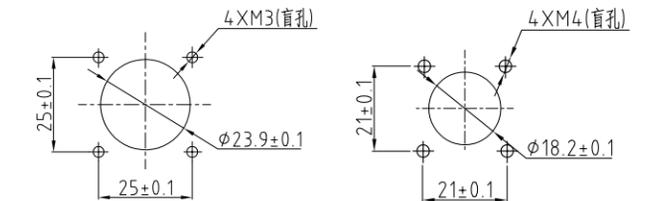
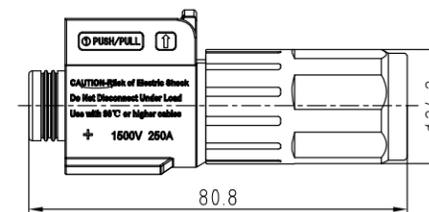
## ESC-HPB250VERTICAL TYPE CONNECTOR INTRODUCTION



<b>应用范围 Application</b>
● 储能系统 (电池pack) 的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护Touch-proof
● 颜色/键位防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative
● 插合后可360° 旋转 360° rotation after insertion
● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
● 端接方式Termination Methods: 冷压Crimp termination、螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数Pins: 1
● 额定电流Current Rating: 150A(35mm <sup>2</sup> )、200A(50mm <sup>2</sup> )、250A(70mm <sup>2</sup> )
● 额定电压Voltage Rating: 1500V DC
● 耐电压Dielectric Withstanding Voltage: 6800V AC 50Hz
● 绝缘电阻Insulation Resistance: ≥100MΩ
● 工作温度Operating Temperature: -40℃ ~ +125℃
● 线缆规格Cable specification: 35mm <sup>2</sup> 、50mm <sup>2</sup> 、70 mm <sup>2</sup>
● 温升temperature rise: ≤45K
● 防护等级Protection Class: IP67(Mated)
● 机械寿命Mechanical Life: ≥100 cycles

ESC-HPB250直式插头

ESC-HPB250对应插座安装开孔尺寸



型号	A	B	C	D
颜色	橙色	橙色	黑色	黑色
防呆键角度X	60°	120°	90°	180°

# ESC-HPB300电连接器

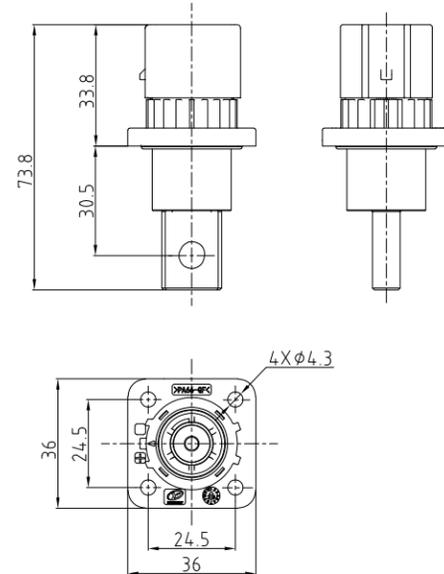
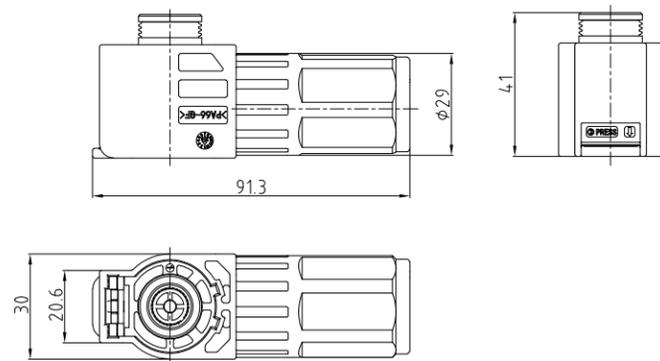
ESC-HPB300 CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 储能系统 ( 电池pack ) 的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护 Touch-proof ● 颜色/键位防呆 Poka-yoke: 正极橙色 Orange for positive、负极黑色 Black for negative ● 插合后可 360° 旋转 360° rotation after insertion ● 锁紧方式 Lock mode: 锁扣+二次锁 Lock buckle+secondary lock ● 端接方式 Termination Methods: 冷压 Crimp termination、螺钉锁紧 Screw termination
<b>性能参数 Specification</b>
● 芯数 Pins: 1 ● 额定电流 Current Rating: 200A(50mm <sup>2</sup> )、250A(70mm <sup>2</sup> )、300A(95mm <sup>2</sup> ) ● 额定电压 Voltage Rating: 1500V DC ● 耐电压 Dielectric Withstanding Voltage: 6800V AC 50Hz ● 绝缘电阻 Insulation Resistance: ≥100MΩ ● 工作温度 Operating Temperature: -40℃ ~ +125℃ ● 线缆规格 Cable specification: 70mm <sup>2</sup> 、95mm <sup>2</sup> ● 温升 Temperature rise: ≤45K ● 防护等级 Protection Class: IP67(Mated) ● 机械寿命 Mechanical Life: ≥100 cycles ● 认证证书 Certification: UL4128、TUV、CE

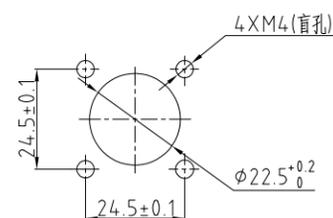


ESC-HPB300插头

ESC-HPB300插座



ESC-HPB300安装开孔尺寸



# ESC-HPB350电连接器

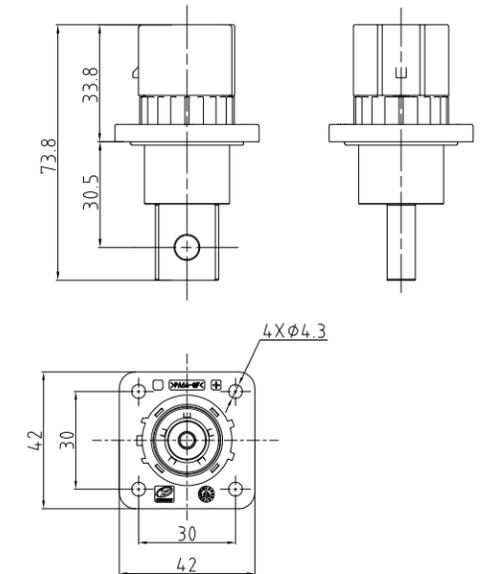
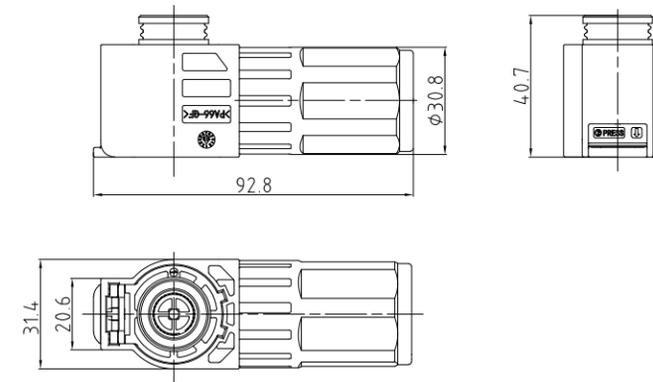
ESC-HPB350 CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 储能系统 ( 电池pack ) 的功率传输 ● Apply for power transmission of energy storage system (battery pack)
<b>产品描述 Description</b>
● 防触电保护 Touch-proof ● 颜色/键位防呆 Poka-yoke: ● 正极-橙色 Positive-Orange、负极-黑色 Negative-Black ● 插合后可 360° 旋转 360° rotation after insertion ● 锁紧方式 Lock mode: 锁扣+二次锁 Lock buckle+secondary lock ● 端接方式 Termination Methods: 冷压 Crimp termination、螺钉锁紧 Screw termination
<b>性能参数 Specification</b>
● 芯数 Pins: 1 ● 额定电流 Current Rated: 300A(95mm <sup>2</sup> )、350A(120mm <sup>2</sup> ) ● 额定电压 Rated Voltage: 1500V DC ● 耐电压 Voltage Proof: 6800V AC 50Hz ● 绝缘电阻 Insulation Resistance: ≥100MΩ ● 工作温度 Operating Temperature: -40℃ ~ +125℃ ● 线缆规格 Cable specification: 95mm <sup>2</sup> 、120mm <sup>2</sup> ● 温升 Temperature Rise: ≤45K ● 防护等级 Protection Class: IP67(Mated) ● 机械寿命 Mechanical Life: ≥100 cycles ● 认证证书 Certification: UL4128、TUV、CE

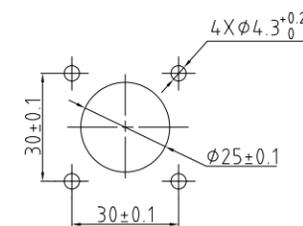


ESC-HPB350插头

ESC-HPB350插座



ESC-HPB350安装开孔尺寸



# ESC-HPB400电连接器

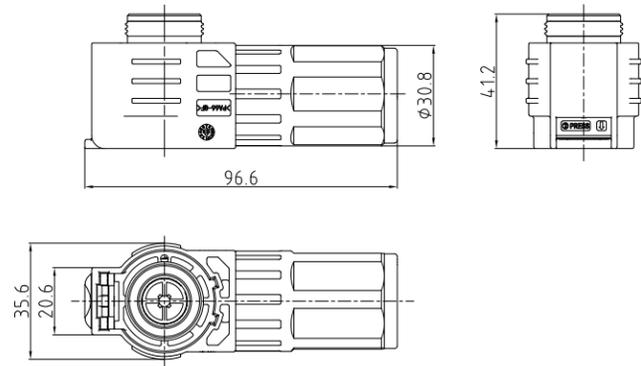
ESC-HPB400 CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 储能系统(电池pack)的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护Touch-proof ● 颜色/键位防呆Poka-yoke: 正橙色Orange for positive、负极黑色Black for negative ● 插合后可360° 旋转 360° rotation after insertion ● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock ● 端接方式Termination Methods: 冷压Crimp termination、螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数Pins: 1 ● 额定电流Current Rating: 300A(95mm <sup>2</sup> )、400A(120mm <sup>2</sup> ) ● 额定电压Voltage Rating: 1500V DC ● 耐压Dielectric Withstanding Voltage: 6800V AC 50Hz ● 绝缘电阻Insulation Resistance: ≥100MΩ ● 工作温度Operating Temperature: -40℃ ~ +125℃ ● 线缆规格 Cable specification: 95mm <sup>2</sup> 、120mm <sup>2</sup> ● 温升Temperature rise: ≤45K ● 防护等级Protection Class: IP67(Mated) ● 机械寿命Mechanical Life: ≥100 cycles ● 认证证书Certification: UL4128、TUV、CE

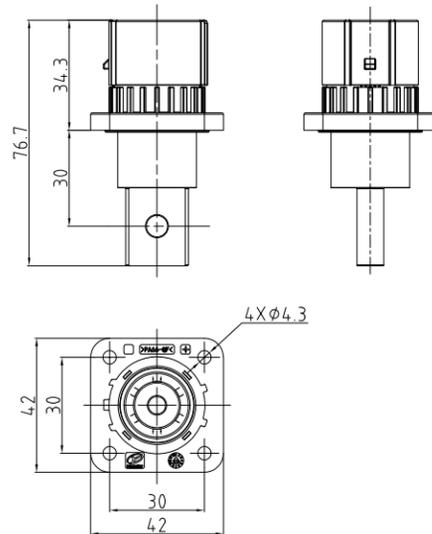
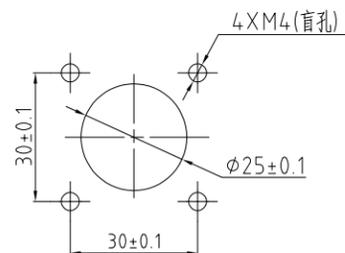


ESC-HPB400插头

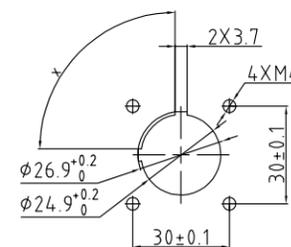
ESC-HPB400插座



ESC-HPB400安装开孔尺寸



ESC-HPB450安装开孔尺寸

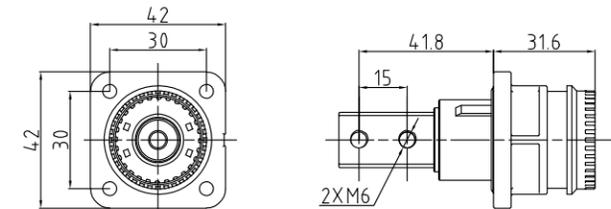
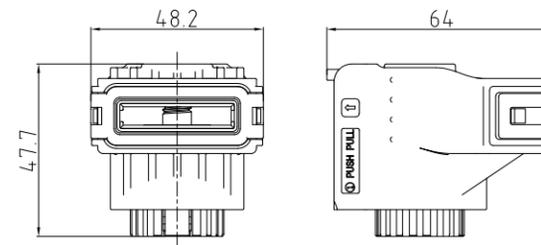


型号	X	Y	Z	W
颜色	橙色	黑色	橙色	黑色
防呆键角度X	90°	225°	135°	315°



ESC-HPB450插头

ESC-HPB450插座



# ESC-HPB450软铜排电连接器

ESC-HPB450 FLEXIBLE COPPER BUSBAR CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 储能系统(电池pack)的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护Touch-proof ● 颜色/键位防呆Poka-yoke: 正橙色Orange for positive、负极黑色Black for negative ● 多角度插合Multi angle insertion: 插合过程可360° 旋转, 插合到锁紧位时止转 The mating process can be rotated 360° and stops rotating when it reaches the locked position. ● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock ● 端接方式Termination Methods: 螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数 Pins: 1 ● 额定电流Rated Current: 350A~480A ● 额定电压Rated Voltage: 1500V DC ● 耐压Voltage Proof: 6800V AC 50Hz ● 绝缘电阻Insulation Resistance: ≥100MΩ ● 工作温度Operating Temperature: -40℃ ~ +125℃ ● 温升Temperature Rise: ≤45K ● 防护等级Protection Class: IP67(Mated) ● 机械寿命Mechanical Life: ≥100 cycles

单芯高防护系列(二代)  
单芯高防护系列(二代)  
单芯风冷系列  
混装户储系列  
手动维护开关系列  
信号系列  
流体连接器系列  
集成系列

# ESC-HPB450电连接器

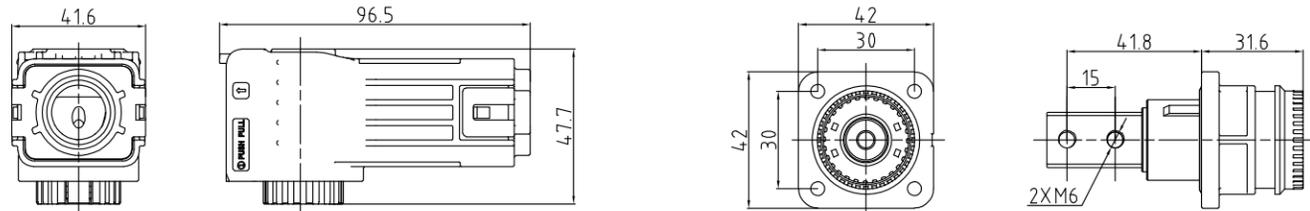
## ESC-HPB450 CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 储能系统(电池pack)的功率传输。 Apply for power transmission of energy storage system (battery pack).
<b>产品描述 Description</b>
● 防触电保护Touch-proof
● 颜色/键位防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative
● 多角度对插, 插合过程可360° 旋转, 插合到锁紧位时止转 Multi-angle insertion allows 360° rotation during the assembly process, with rotation stopping upon reaching the locked position
● 锁紧方式Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
● 端接方式Termination Methods: 冷压Crimp termination 超声波焊接 Ultrasonic welding、螺钉锁紧Screw termination
<b>性能参数 Specification</b>
● 芯数Pins: 1
● 额定电流Rated Current: 400A(120mm <sup>2</sup> )、480A(150mm <sup>2</sup> )
● 额定电压Rated Voltage: 1500V DC
● 耐电压Voltage Proof: 6800V AC 50Hz
● 绝缘电阻Insulation Resistance: ≥100MΩ
● 工作温度Operating Temperature: -40℃ ~ +125℃
● 线缆规格Cable specification: 120mm <sup>2</sup> 、150mm <sup>2</sup>
● 温升Temperature Rise: ≤45K
● 防护等级Protection Class: IP67(Mated)
● 机械寿命Mechanical Life: ≥100 cycles

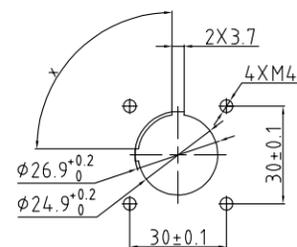


ESC-HPB450 插头

ESC-HPB450 插座



ESC-HPB450 安装开孔尺寸



型号	X	Y	Z	W
颜色	橙色	黑色	橙色	黑色
防呆键角度X	90°	225°	135°	315°

单芯风冷系列

SINGLE CORE AIR-COOLED SERIES

# ESC-TB250电连接器

ESC-TB250 CONNECTOR INTRODUCTION

### 应用范围 Application

- 储能系统（电池pack）的功率传输。

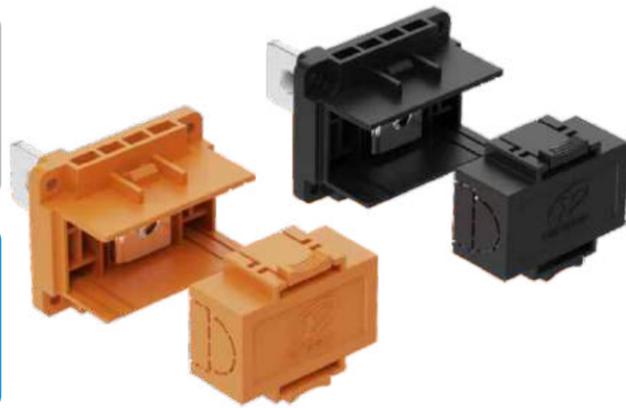
Apply for power transmission of energy storage system (battery pack).

### 产品描述 Description

- 颜色防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative
- 安装方式 Installation Method: 螺钉Screw
- 端接方式 Termination Methods: 螺钉锁紧Screw termination
- 出线方向 Direction of outgoing line: 两边均可出线 Both sides can be wired out

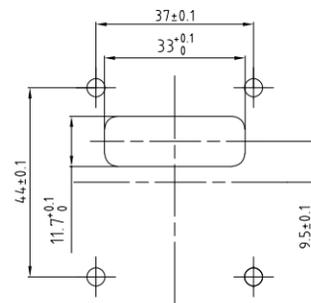
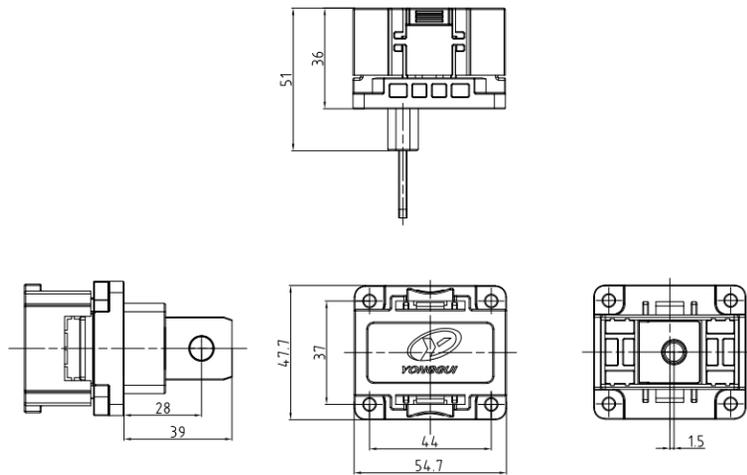
### 性能参数 Specification

- 芯数 Pins: 1
- 额定电流 Current Rating: 200A(50mm<sup>2</sup>)、250A(70mm<sup>2</sup>)
- 额定电压 Voltage Rating: 1500V DC
- 耐电压 Dielectric Withstanding Voltage: 6800V AC 50Hz
- 绝缘电阻 Insulation Resistance: ≥ 100MΩ
- 工作温度 Operating Temperature: -40℃ ~ +125℃
- 温升 Temperature rise: ≤ 45K
- 认证证书 Certification: TUV、CE



ESC-TB250连接器

ESC-TB250安装开孔尺寸



# ESC-TB350电连接器

ESC-TB350 CONNECTOR INTRODUCTION

### 应用范围 Application

- 储能系统（电池pack）的功率传输。

Apply for power transmission of energy storage system (battery pack).

### 产品描述 Description

- 颜色防呆Poka-yoke: 正极橙色Orange for positive、负极黑色Black for negative
- 安装方式 Installation Method: 螺钉Screw
- 端接方式 Termination Methods: 螺钉锁紧Screw termination
- 出线方向 Direction of outgoing line: 两边均可出线 Both sides can be wired out

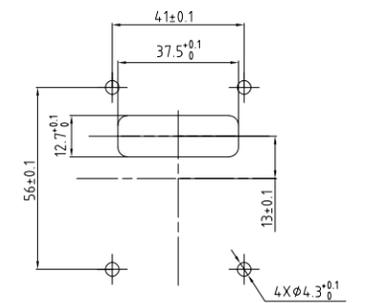
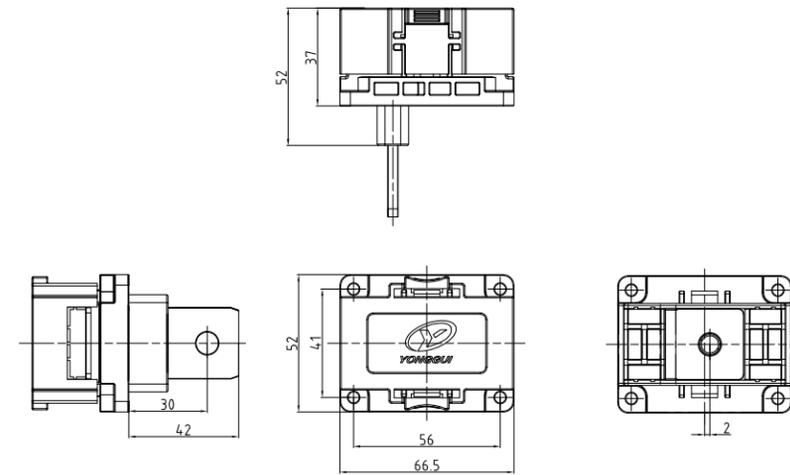
### 性能参数 Specification

- 芯数 Pins: 1
- 额定电流 Current Rating: 300A(95mm<sup>2</sup>)、350A(120mm<sup>2</sup>)
- 额定电压 Voltage Rating: 1500V DC
- 耐电压 Dielectric Withstanding Voltage: 6800V AC 50Hz
- 绝缘电阻 Insulation Resistance: ≥ 100MΩ
- 工作温度 Operating Temperature: -40℃ ~ +125℃
- 低温升 Low Temperature rise: ≤ 45K



ESC-TB350连接器

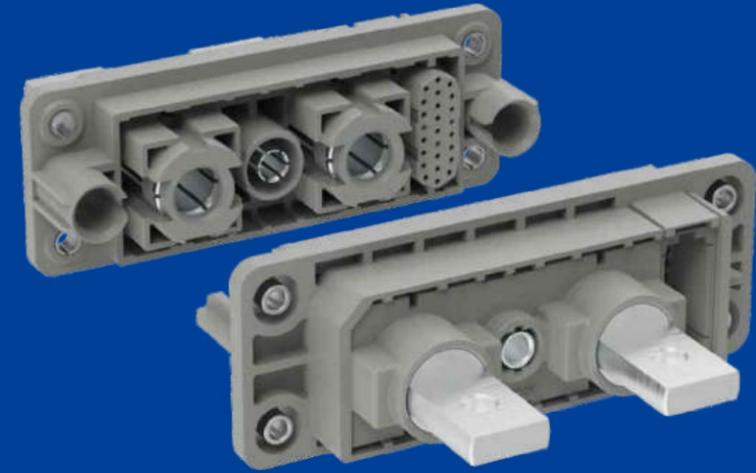
ESC-TB350安装开孔尺寸



# YG196-380电连接器

YG196-380 CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 电动汽车配电系统、电机、电控 Distribution Systems、E-Motor、Motor Controller
<b>产品描述 Description</b>
● 线径范围Cable range: 70mm <sup>2</sup> ● 塑料外壳Plastic Shell
<b>性能参数 Specification</b>
● 额定电流Rated Current: 250A(70mm <sup>2</sup> ) ● 额定电压Rated Voltage: 800V ● 耐电压Dielectric Withstanding Voltage: 3800V AC ● 绝缘电阻Insulation resistance: ≥100MΩ ● 工作温度Temperature Range: -40℃ ~ +125℃ ● 机械寿命Mechanical life: 50次



单芯高防护系列(代)

单芯高防护系列(代)

单芯风冷系列

混装户储系列

手动维护开关系列

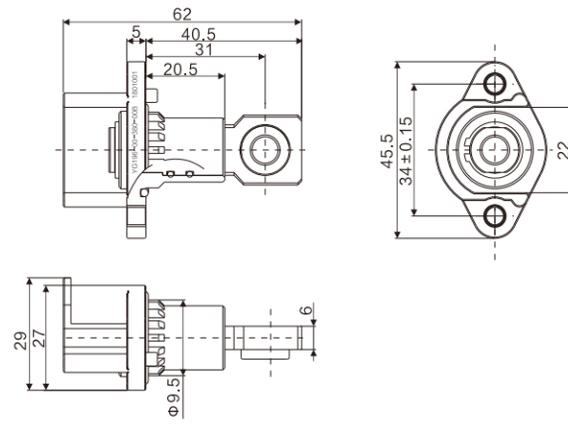
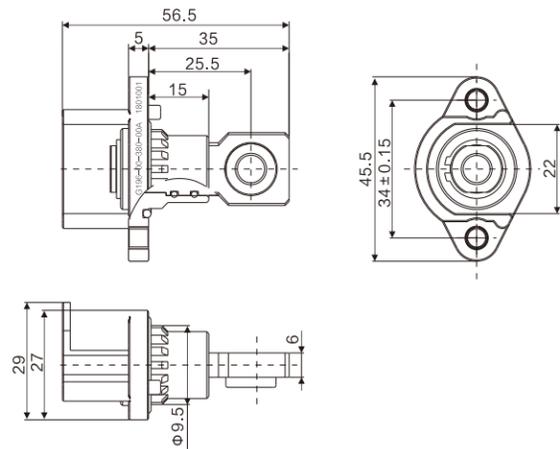
信号系列

流体连接器系列

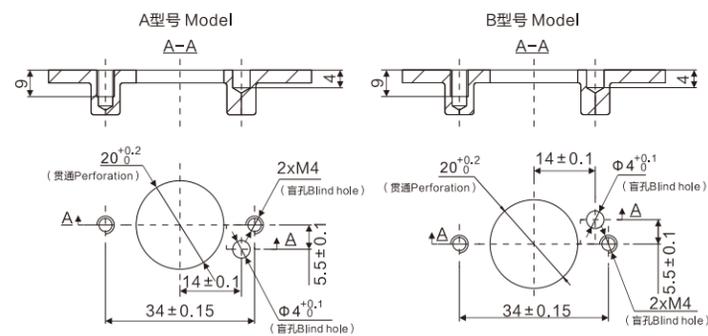
集成系列

YG196-380A型连接器

YG196-380B型连接器



YG196-380安装开孔尺寸



混装户储系列

MIXED HOUSEHOLD STORAGE SERIES

# ESC-M10B-(4C70+12C10)电连接器

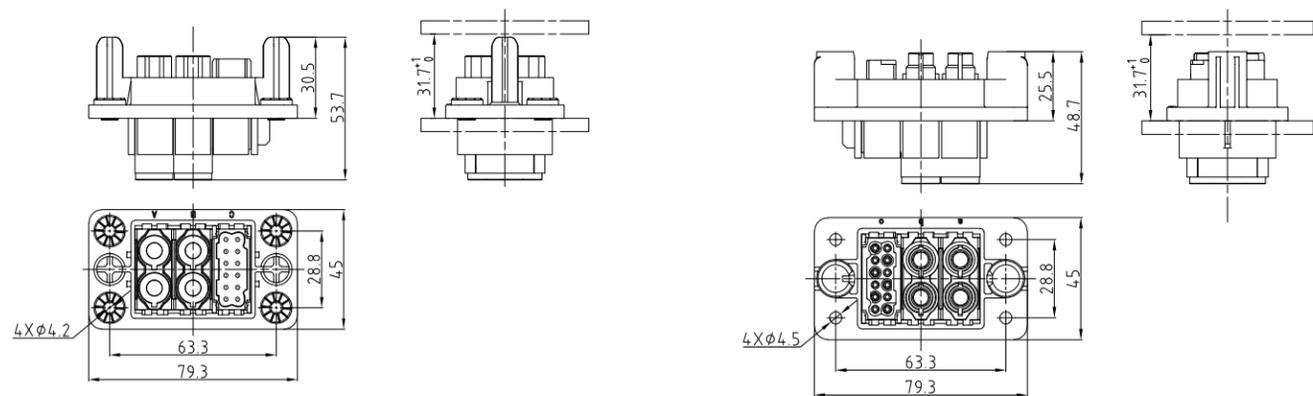
ESC-M10B-(4C70+12C10) CONNECTOR INTRODUCTION



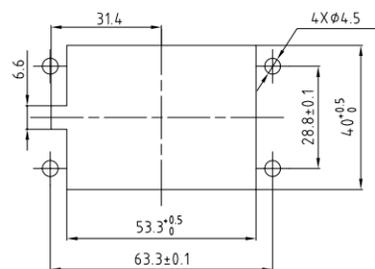
应用范围 Application
<ul style="list-style-type: none"> <li>● 该产品用于户用储能系统（电池pack）的功率及信号传输。</li> </ul> <p>This product is used for power and signal transmission of household energy storage system (battery pack).</p>
产品描述 Description
<ul style="list-style-type: none"> <li>● 支持多功能模块混装 Multi-functional modules are supported</li> <li>● 模块位数 Number of modules: 3</li> <li>● 浮动配合 Floating cooperate</li> <li>● 端接方式 Termination Methods: 冷压 Crimp termination</li> </ul>
性能参数 Specification
<ul style="list-style-type: none"> <li>● 芯数 Pins: 4+12</li> <li>● 额定电流 Current Rating: 70A(Power)、10A(Signal)</li> <li>● 额定电压 Voltage Rating: 1500V(Power)、250V(Signal)</li> <li>● 耐压 Dielectric Withstanding Voltage: 6800V(Power)、1500V(Signal)</li> <li>● 绝缘电阻 Insulation Resistance: <math>\geq 100M\Omega</math></li> <li>● 工作温度 Temperature Range: <math>-40^{\circ}\text{C} \sim +125^{\circ}\text{C}</math></li> <li>● 线径范围 Cable range: <math>6\text{mm}^2 \sim 25\text{mm}^2</math> (Power) <math>0.14\text{mm}^2 \sim 2.5\text{mm}^2</math> (Signal)</li> <li>● 温升 Temperature rise: <math>\leq 45\text{K}</math></li> <li>● 浮动公差 Floating tolerance: <math>\pm 2\text{mm}</math></li> <li>● 机械寿命 Mechanical Life: <math>\geq 500</math> cycles</li> <li>● 认证证书 Certification: UL、CE</li> </ul>

ESC-M10B-(4C70+12C10) 插头

ESC-M10B-(4C70+12C10) 插座

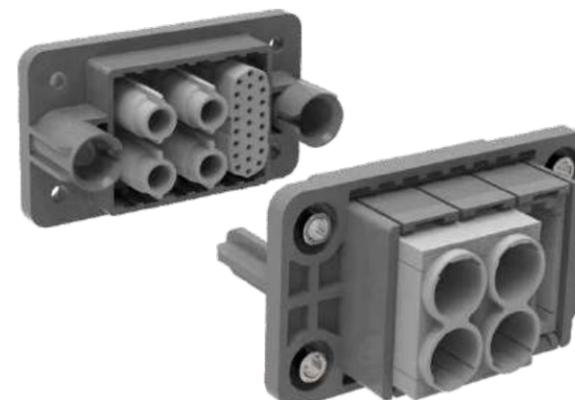


ESC-M10B-(4C70+12C10) 安装开孔尺寸



# ESC-M10B-(4C70+25C5)电连接器

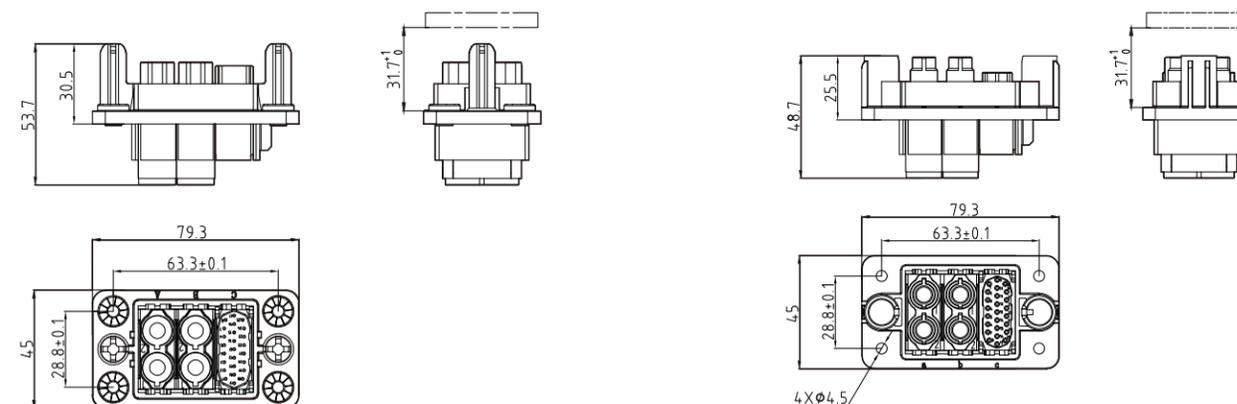
ESC-M10B-(4C70+25C5) CONNECTOR INTRODUCTION



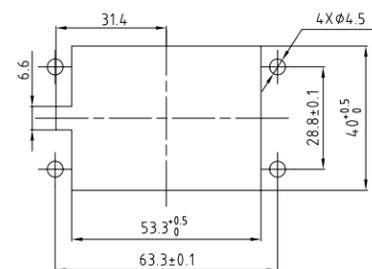
应用范围 Application
<ul style="list-style-type: none"> <li>● 该产品用于户用储能系统（电池pack）的功率及信号传输。</li> </ul> <p>This product is used for power and signal transmission of household energy storage system (battery pack).</p>
产品描述 Description
<ul style="list-style-type: none"> <li>● 支持多功能模块混装 Multi-functional modules are supported</li> <li>● 模块位数 Number of modules: 3</li> <li>● 浮动配合 Floating cooperate</li> <li>● 端接方式 Termination Methods: 冷压 Crimp termination</li> </ul>
性能参数 Specification
<ul style="list-style-type: none"> <li>● 芯数 Pins: 4+25</li> <li>● 额定电流 Current Rating: 70A(Power)、5A(Signal)</li> <li>● 额定电压 Voltage Rating: 1500V(power)、50V(signal)</li> <li>● 耐压 Dielectric Withstanding Voltage: 6800V(Power)、1500V(Signal)</li> <li>● 绝缘电阻 Insulation Resistance: <math>\geq 100M\Omega</math></li> <li>● 工作温度 Temperature Range: <math>-40^{\circ}\text{C} \sim +125^{\circ}\text{C}</math></li> <li>● 线径范围 Cable range: <math>6\text{mm}^2 \sim 25\text{mm}^2</math> (Power) <math>0.14\text{mm}^2 \sim 0.5\text{mm}^2</math> (Signal)</li> <li>● 温升 temperature rise: <math>\leq 45\text{K}</math></li> <li>● 浮动公差 Floating tolerance: <math>\pm 2\text{mm}</math></li> <li>● 机械寿命 Mechanical Life: <math>\geq 500</math> cycles</li> <li>● 认证证书 Certification: UL、CE</li> </ul>

ESC-M10B-(4C70+25C5) 插头

ESC-M10B-(4C70+25C5) 插座



ESC-M10B-(4C70+25C5) 安装开孔尺寸



# ESC-M10B-(4C100+12C10)电连接器

ESC-M16B-(4C100+12C10) CONNECTOR INTRODUCTION

## 应用范围 Application

- 该产品用于户用储能系统（电池pack）的功率及信号传输。  
This product is used for power and signal transmission of household energy storage system (battery pack).

## 产品描述 Description

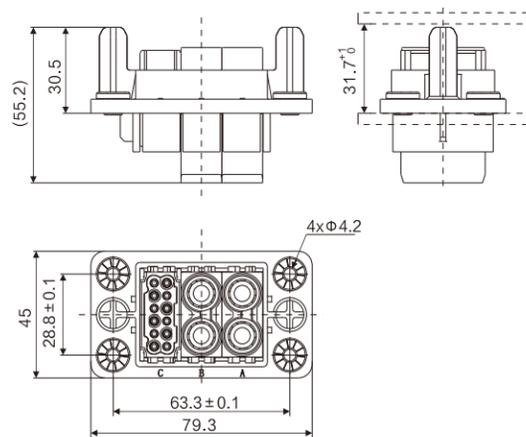
- 支持多功能模块混装 Multi-functional modules are supported
- 模块位数 Number of modules: 3
- 浮动配合 Floating cooperate
- 端接方式 Termination Methods: 冷压 Crimp termination

## 性能参数 Specification

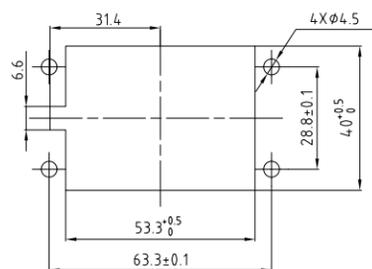
- 芯数 Pins: 4+12
- 额定电流 Current Rating: 100A(Power)、10A(Signal)
- 额定电压 Voltage Rating: 1000V(Power)、250V(Signal)
- 耐电压 Dielectric Withstanding Voltage: 6800V(Power)、1500V(Signal)
- 绝缘电阻 Insulation Resistance:  $\geq 100M\Omega$
- 工作温度 Temperature Range:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 线径范围 Cable range:  $6\text{mm}^2 \sim 25\text{mm}^2$ (Power)  
 $0.34\text{mm}^2 \sim 2.5\text{mm}^2$ (Signal)
- 温升 Temperature rise:  $\leq 45\text{K}$
- 浮动公差 Floating tolerance:  $\pm 2\text{mm}$
- 机械寿命 Mechanical Life:  $\geq 500$  cycles



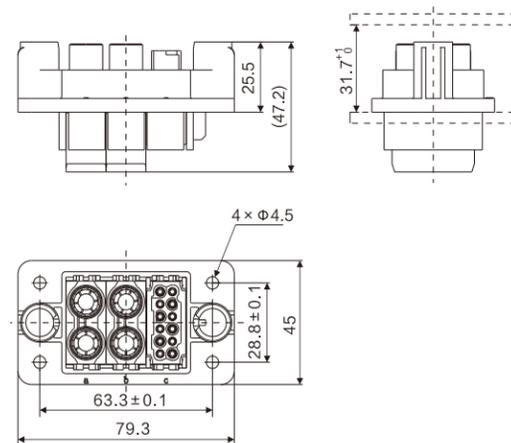
ESC-M10B-(4C100+12C10) 插头



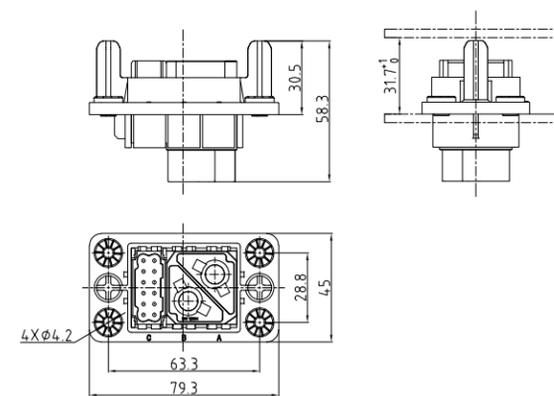
ESC-M10B-(4C100+12C10) 安装开孔尺寸



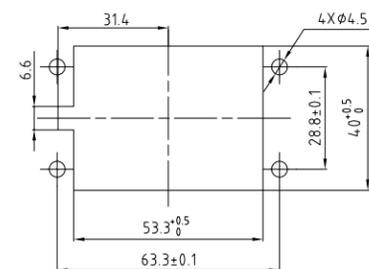
ESC-M10B-(4C100+12C10) 插座



ESC-M10B-(2C150+12C10) 插头



ESC-M10B-(2C150+12C10) 安装开孔尺寸



# ESC-M10B-(2C150+12C10)电连接器

ESC-M10B-(2C150+12C10) CONNECTOR INTRODUCTION

## 应用范围 Application

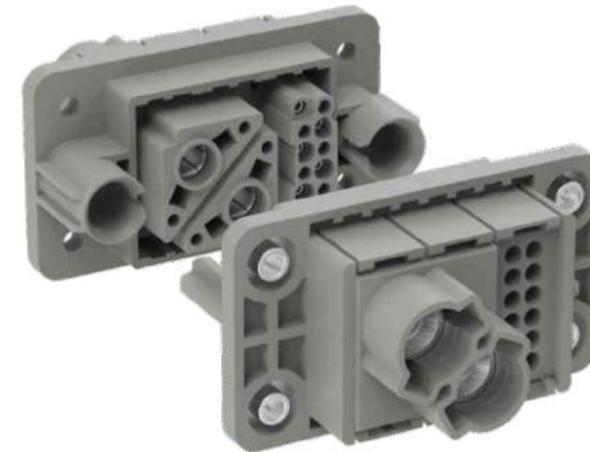
- 该产品用于户用储能系统（电池pack）的功率及信号传输。  
This product is used for power and signal transmission of household energy storage system (battery pack).

## 产品描述 Description

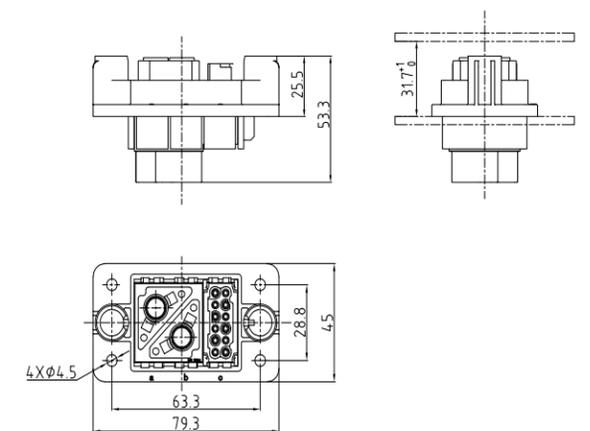
- 支持多功能模块混装 Multi-functional modules are supported
- 模块位数 Number of modules: 3
- 浮动配合 Floating cooperate
- 端接方式 Termination Methods: 冷压 Crimp termination

## 性能参数 Specification

- 芯数 Pins: 2+12
- 额定电流 Current Rating: 150A(Power)、10A(Signal)
- 额定电压 Voltage Rating: 1500V(Power)、250V(Signal)
- 耐电压 Dielectric Withstanding Voltage: 6800V(Power)、1500V(Signal)
- 绝缘电阻 Insulation Resistance:  $\geq 100M\Omega$
- 工作温度 Temperature Range:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 线径范围 Cable range:  $6\text{mm}^2 \sim 35\text{mm}^2$ (Power)  
 $0.14\text{mm}^2 \sim 2.5\text{mm}^2$ (Signal)
- 温升 Temperature rise:  $\leq 45\text{K}$
- 浮动公差 Floating tolerance:  $\pm 2\text{mm}$
- 机械寿命 Mechanical Life:  $\geq 500$  cycles
- 认证证书 Certification: UL、CE



ESC-M10B-(2C150+12C10) 插座

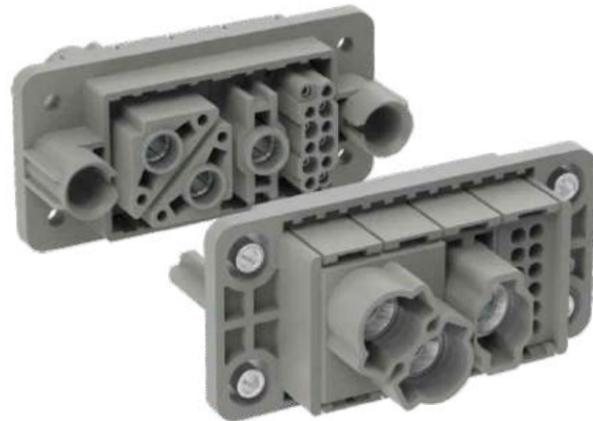


单芯高防护系列(N代)  
单芯高防护系列(N代)  
单芯风冷系列  
混装户储系列  
手动维护开关系列  
信号系列  
流体连接器系列  
集成系列

# ESC-M16B-(3C150+12C10)电连接器

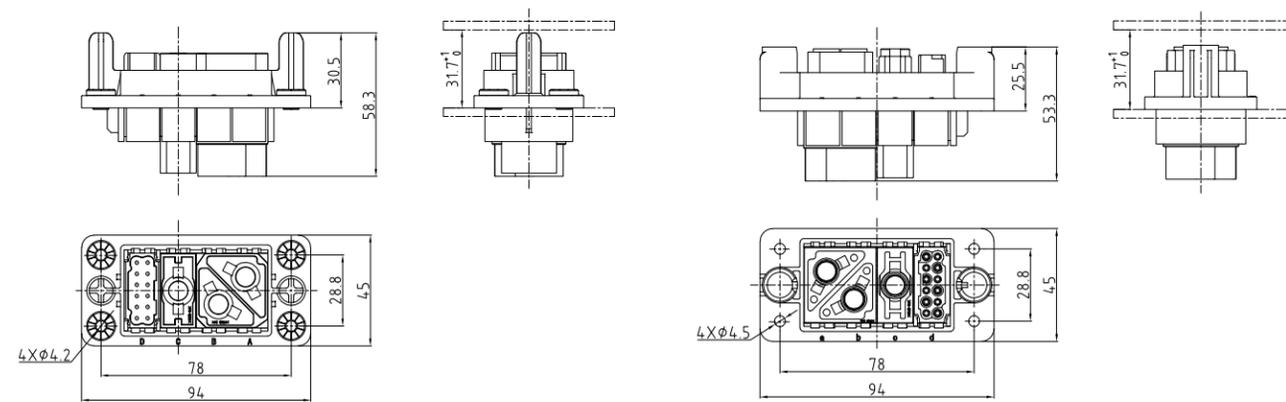
ESC-M16B-(3C150+12C10) CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 该产品用于户用储能系统（电池pack）的功率及信号传输。 This product is used for power and signal transmission of household energy storage system (battery pack).
<b>产品描述 Description</b>
● 支持多功能模块混装 Multi-functional modules are supported ● 模块位数 Number of modules: 4 ● 浮动配合 Floating cooperate ● 端接方式 Termination Methods: 冷压 Crimp termination
<b>性能参数 Specification</b>
● 芯数 Pins: 3+12 ● 额定电流 Current Rating: 100A、150A(Power)、10A(Signal) ● 额定电压 Voltage Rating: 1500V(Power)、250V(Signal) ● 耐电压 Dielectric Withstanding Voltage: 6800V(Power)、1500V(Signal) ● 绝缘电阻 Insulation Resistance: $\geq 100M\Omega$ ● 工作温度 Temperature Range: $-40^{\circ}C \sim +125^{\circ}C$ ● 线径范围 Cable range: $6mm^2 \sim 35mm^2$ (Power) $0.14mm^2 \sim 2.5mm^2$ (Signal) ● 温升 Temperature rise: $\leq 45K$ ● 浮动公差 Floating tolerance: $\pm 2mm$ ● 机械寿命 Mechanical Life: $\geq 500$ cycles ● 认证证书 Certification: UL、CE

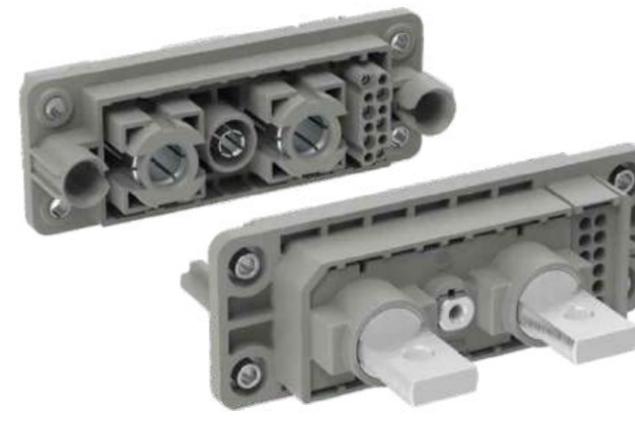
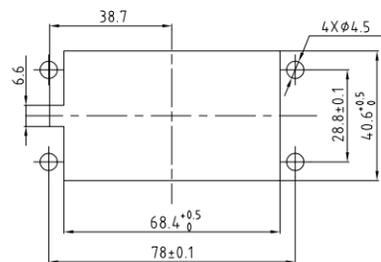


ESC-M16B-(3C150+12C10) 插头

ESC-M16B-(3C150+12C10) 插座



ESC-M16B-(3C150+12C10) 安装开孔尺寸



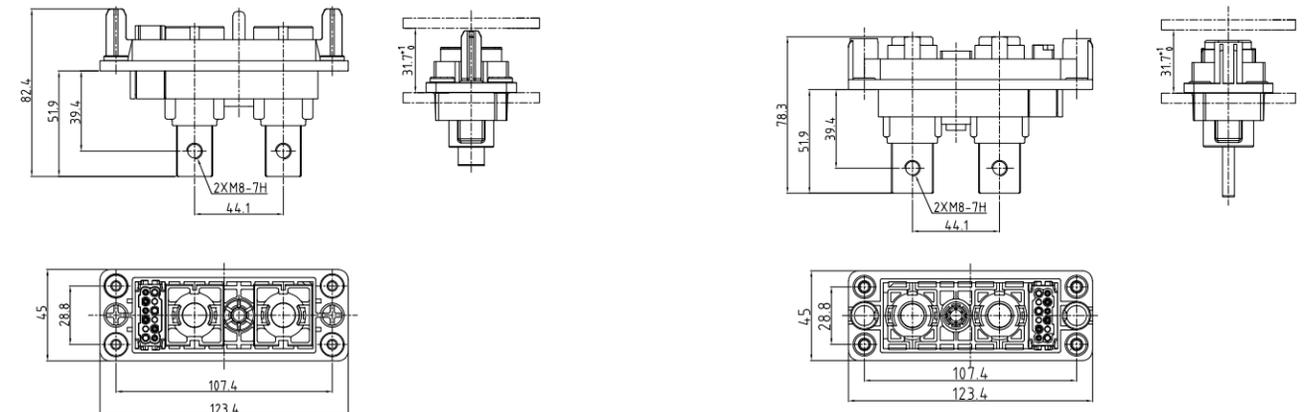
# YGC1268-(2+1+12) 电连接器

YGC1268-(2+1+12) CONNECTOR INTRODUCTION

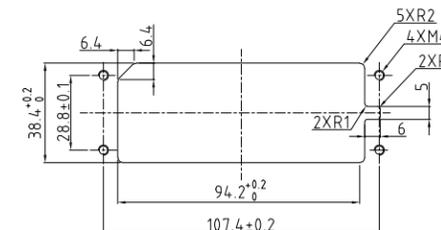
<b>应用范围 Application</b>
● 储能系统（电池pack）的功率以及信号传输。 Power and signal transmission of energy storage equipment (battery pack).
<b>产品描述 Description</b>
● 功率信号混装 Mixed power signal installation ● 浮动安装 Floating installation ● 端接方式 Termination Methods: 冷压 Crimp termination、螺钉锁紧 Screw termination
<b>性能参数 Specification</b>
● 芯数 Pins: 2+1+12 ● 额定电流 Current Rating: 250A(Power)、80A(PE)、10A(Signal) ● 额定电压 Voltage Rating: 1000V(Power)、250V(Signal) DC ● 耐电压 Dielectric Withstanding Voltage: 2500V(Power、PE)、1500V(Signal) ● 绝缘电阻 Insulation Resistance: $\geq 500M\Omega$ ● 工作温度 Operating Temperature: $-40^{\circ}C \sim +125^{\circ}C$ ● 线缆规格 Cable specification: $80mm^2$ (Power)、 $16mm^2$ (PE)、 $0.3 \sim 1.5mm^2$ (Signal) ● 温升 Temperature rise: $\leq 45K$ ● 浮动公差 Floating tolerance: $\pm 2mm$ ● 机械寿命 Mechanical Life: 500 cycles

YGC1268-P(2+1+12)P 插头

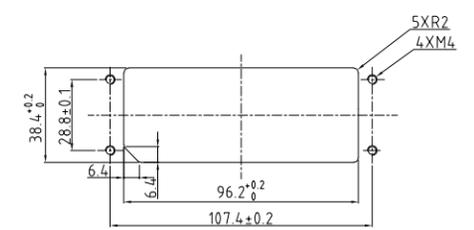
YGC1268-S(2+1+12)R 插座



YGC1268-P(2+1+12)P 插头安装开孔尺寸



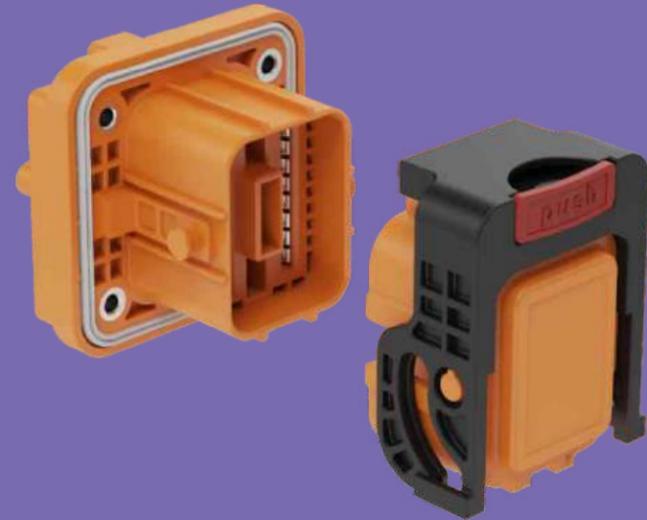
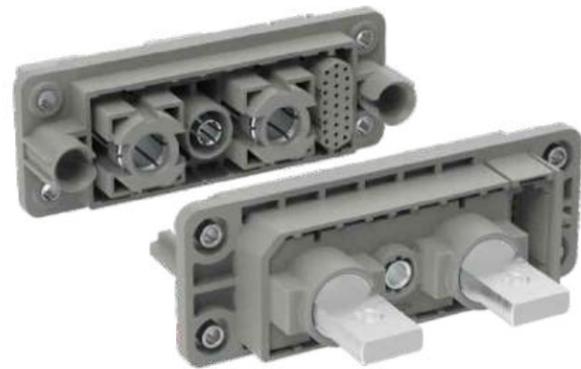
YGC1268-S(2+1+12)R 插座安装开孔尺寸



# YGC1268-(2+1+25) 电连接器

YG1268C-(2+1+25) CONNECTOR INTRODUCTION

<b>应用范围 Application</b>
● 储能系统 ( 电池pack ) 的功率以及信号传输。 Power and signal transmission of energy storage equipment (battery pack).
<b>产品描述 Description</b>
● 功率信号混装 Mixed power signal installation ● 浮动安装 Floating installation ● 端接方式 Termination Methods: 冷压 Crimp termination、螺钉锁紧 Screw termination
<b>性能参数 Specification</b>
● 芯数 Pins: 2+1+25
● 额定电流 Current Rating: 250A(Power)、80A(PE)、5A(Signal)
● 额定电压 Voltage Rating: 1000V(Power)、50V(Signal) DC
● 耐电压 Dielectric Withstanding Voltage: 2500V(Power、PE)/500V(Signal) AC 50Hz
● 绝缘电阻 Insulation Resistance: $\geq 500M\Omega$
● 工作温度 Operating Temperature: $-40^{\circ}C \sim +125^{\circ}C$
● 线缆规格 Cable specification: 80mm <sup>2</sup> (Power)、16mm <sup>2</sup> (PE)、0.14-0.5mm <sup>2</sup> (Signal)
● 温升 Temperature rise: $\leq 45K$
● 浮动公差 Floating tolerance: $\pm 2mm$
● 机械寿命 Mechanical Life: 500 cycles
● 认证证书 Certification: UL4128



手  
开  
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护  
列

MANUAL SERVICE DISCONNECTOR

单芯高防护系列(A代)

单芯高防护系列(B代)

单芯风冷系列

混装户储系列

手动维护开关系列

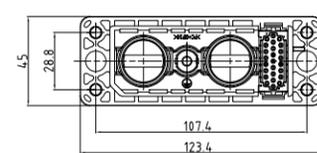
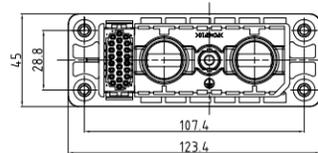
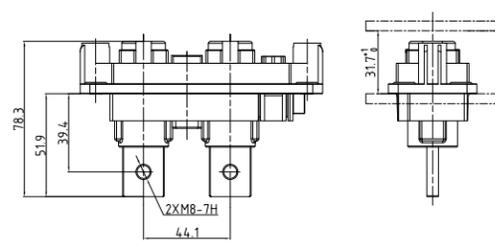
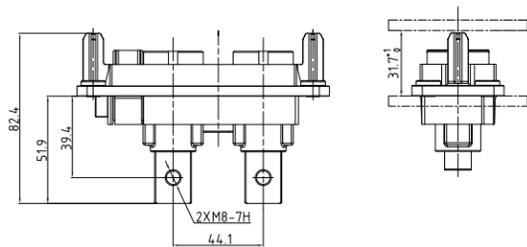
信号系列

流体连接器系列

集成系列

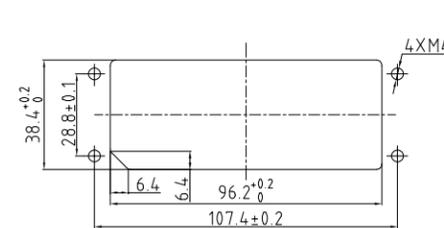
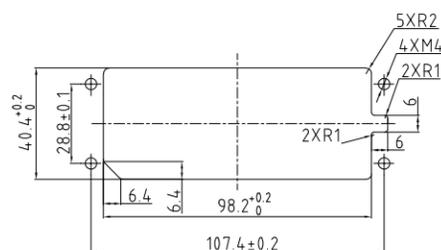
YGC1268-P(2+1+25)P插头

YGC1268-S(2+1+25)R插座



YGC1268-P(2+1+25)P插头安装开孔尺寸

YGC1268-S(2+1+25)R插座安装开孔尺寸



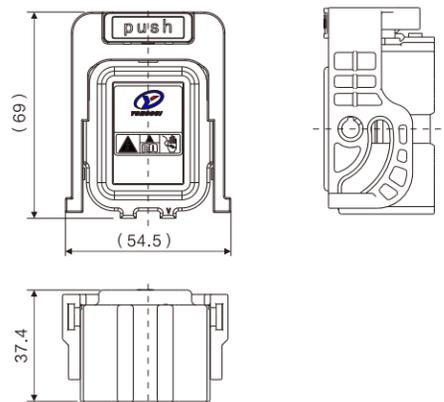
# ESC-MSD电连接器

## ESC-MSD CONNECTOR INTRODUCTION

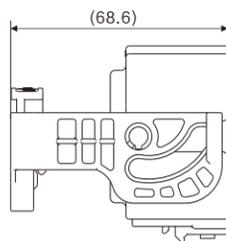


<b>应用范围 Application</b>
● 储能电柜、新能源汽车等应用领域。 Application fields such as energy storage cabinets and new energy vehicles.
<b>产品描述 Description</b>
● 高压互锁 High Voltage Interlock Loop ● 锁紧方式 Lock mode: 把手 handle 二次锁紧 Secondary locking ● 端接方式 Termination Methods: 螺钉锁紧 Screw termination
<b>性能参数 Specification</b>
● 芯数 Pins: 2 ● 额定电流 Current Rating: 250A(2/0 AWG)、350A(4/0 AWG)、400A(250kcmil) ● 额定电压 Voltage Rating: 1500V DC ● 耐电压 Dielectric Withstanding Voltage: 6800V AC 50Hz ● 绝缘电阻 Insulation Resistance: $\geq 5000M\Omega$ ● 工作温度 Operating Temperature: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ ● 温升 Temperature rise: $\leq 45\text{K}$ ● 防护等级 Protection Class: IP68(Mated) ● 机械寿命 Mechanical Life: $\geq 200$ cycles ● 认证证书 Certification: UL、TUV、CE

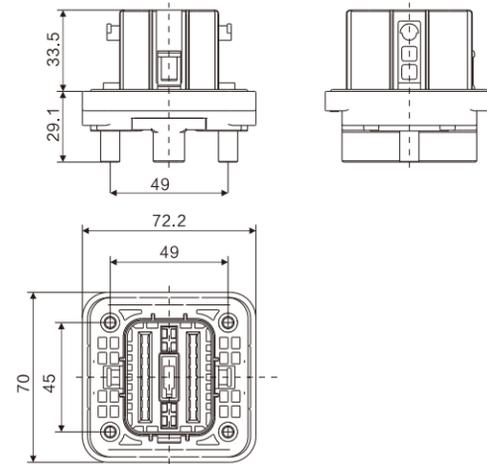
ESC-MSD插头



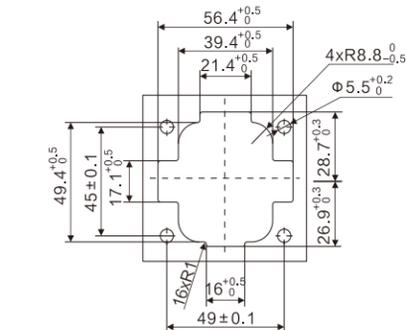
把手打开视图



ESC-MSD插座



ESC-MSD安装开孔尺寸



# YGC1052 电连接器

## YGC1052 CONNECTOR INTRODUCTION

插座后安装

Base Mounts From Inside Of Device-back Panel Mounting



插座前安装

Base Mounts From Outside Of Device-back Panel Mounting



# YGC1040 电连接器

## YGC1040 CONNECTOR INTRODUCTION



性能参数 Specification

产品型号 Type	二次锁紧 Secondary Lock Function	防呆键位 Poka-yoke	高压互锁 HVIL	触电防护 Touch-proof	额定电流 (A) Rated Current	额定电压(V) Rated Voltage
YG1052	✓		✓	✓	200	750
YG1040	✓	✓	✓	✓	250	750

手动维护开关系列

# YG1570电连接器

YG1570CONNECTOR INTRODUCTION



手动维护开关系列

# YGC1525 电连接器

YGC1525CONNECTOR INTRODUCTION



信号系列



SIGNAL CONNECTOR

### 性能参数 Specification

产品型号 Type	二次锁紧 Secondary Lock Function	防呆键位 Poka-yoke	高压互锁 HVIL	触电防护 Touch-proof	额定电流 (A) Rated Current	额定电压(V) Rated Voltage
YG1570	√	√	√	√	250	750
YGC1525	√	√	√	√	600	1000

## ESC-ST四芯连接器

ESC-ST4-PIN CONNECTOR INTRODUCTION



## 应用范围 Application

- 储能系统（电池pack）的信号传输。  
Signal transmission of energy storage system (battery pack).

## 产品描述 Description

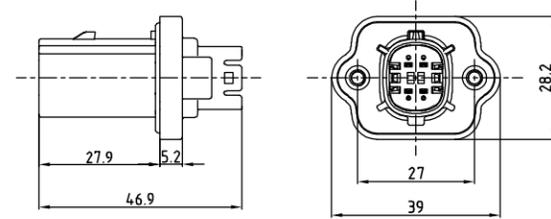
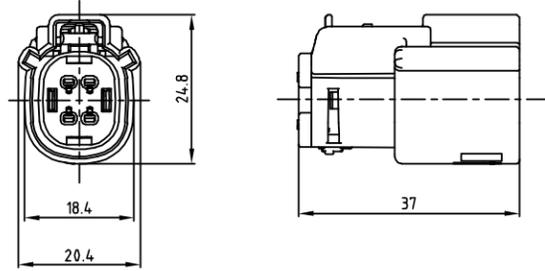
- 键位防呆 Poka-yoke
- 锁紧方式 Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
- 端接方式 Termination Methods: 冷压Crimp termination

## 性能参数 Specification

- Pin数: 4芯
- 额定电流 Current Rating: 8A
- 额定电压 Voltage Rating: 50V
- 耐压 Dielectric Withstanding Voltage: 1000V DC 50HZ
- 绝缘电阻 Insulation Resistance:  $\geq 2000M\Omega$
- 工作温度 Operating Temperature:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 线缆规格 Cable specification:  $0.35\text{mm}^2 \sim 1.5\text{mm}^2$
- 防护等级 Protection Class: IP67 (mated)
- 机械寿命 Mechanical Life:  $\geq 50$  cycles

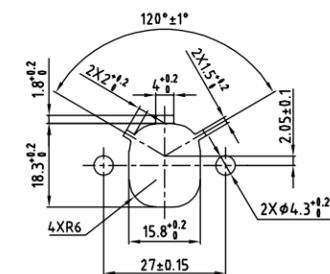
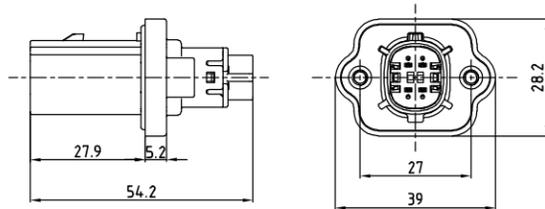
ESC-S4PA 插头

ESC-S4RA 插座（无尾附）



ESC-S4RA 插座（有尾附）

ESC-ST四芯 插座安装开孔尺寸



## ESC-ST八芯连接器

ESC-ST8-PIN CONNECTOR INTRODUCTION



## 应用范围 Application

- 储能系统（电池pack）的信号传输。  
Signal transmission of energy storage system (battery pack).

## 产品描述 Description

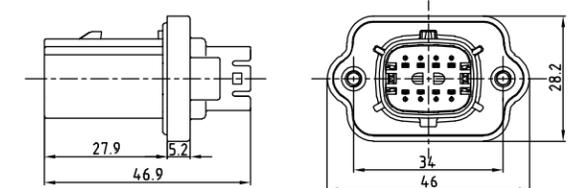
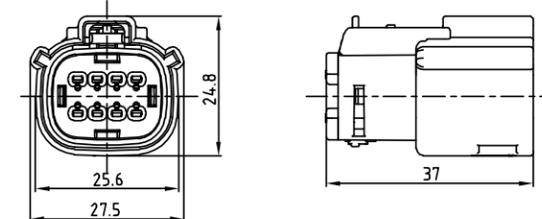
- 键位防呆 Poka-yoke
- 锁紧方式 Lock mode: 锁扣+二次锁 Lock buckle+secondary lock
- 端接方式 Termination Methods: 冷压Crimp termination

## 性能参数 Specification

- Pin数: 8芯
- 额定电流 Current Rating: 8A
- 额定电压 Voltage Rating: 50V
- 耐压 Dielectric Withstanding Voltage: 1000V DC 50HZ
- 绝缘电阻 Insulation Resistance:  $\geq 2000M\Omega$
- 工作温度 Operating Temperature:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 线缆规格 Cable specification:  $0.35\text{mm}^2 \sim 1.5\text{mm}^2$
- 防护等级 Protection Class: IP67 (mated)
- 机械寿命 Mechanical Life:  $\geq 50$  cycles

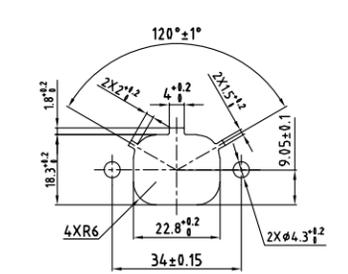
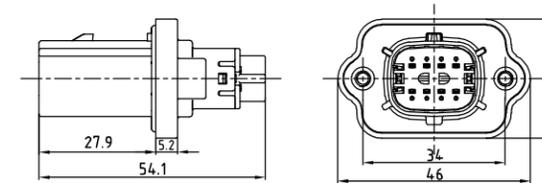
ESC-S8PA 插头

ESC-S8RA 插座（无尾附）



ESC-S8RA 插座（有尾附）

ESC-ST八芯 插座安装开孔尺寸



# YGC583-RJ45电连接器

信号系列

YGC583-RJ45 CONNECTOR INTRODUCTION

## 应用范围 Application

- 储能系统 ( 电池pack ) 的信号传输。  
Signal transmission of energy storage system (battery pack).

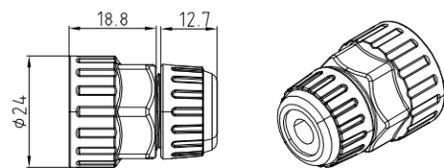
## 产品描述 Description

- 外形简单, 体型小, 方便组装  
Simple appearance, small size, easy to assemble
- 使用网络接口标准  
Use network interface standards
- 满足客户穿墙和焊接定制需求  
To meet customer wall penetration and welding customization needs

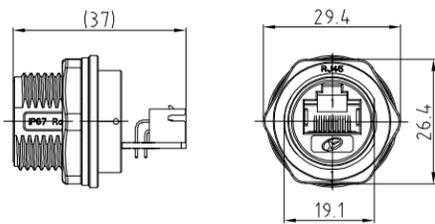
## 性能参数 Specification

- 芯数Pin: 8
- 额定电流Current Rating: 0.2A
- 额定电压Voltage Rating: 32V DC
- 耐压Dielectric Withstanding Voltage: 500V AC 50Hz
- 绝缘电阻Insulation Resistance:  $\geq 500M\Omega$
- 传输速率Transfer Rate:  $\geq 100M$
- 工作温度Operating Temperature:  $-25^{\circ}C \sim +85^{\circ}C$
- 线径范围Cable range: 超五类网线
- 防护等级Protection Class: IP67
- 机械寿命Mechanical Life:  $\geq 750$  cycles
- 认证证书(Certification): CE、UL、TUV

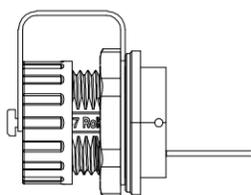
YG583-RJ45PX插头



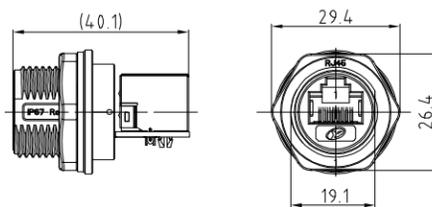
YG583-RJ45RG/RH插座



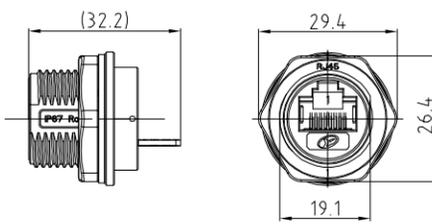
插座装配防水盖组件后外形图示



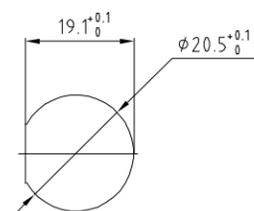
YG583-RJ45RC/RE插座



YG583-RJ45RD/RF插座



推荐开孔尺寸



# YGC909电连接器

信号系列

YGC909 CONNECTOR INTRODUCTION

## 应用范围 Application

- 信号系统连接Signal System

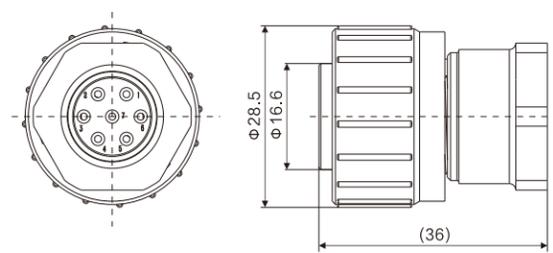
## 产品描述 Description

- 螺旋结构Helical Structure
- 线径范围Cable Range: 0.5~1.5mm<sup>2</sup>
- 防呆键位Poka-yoke
- 7芯连接器7 Core Connector

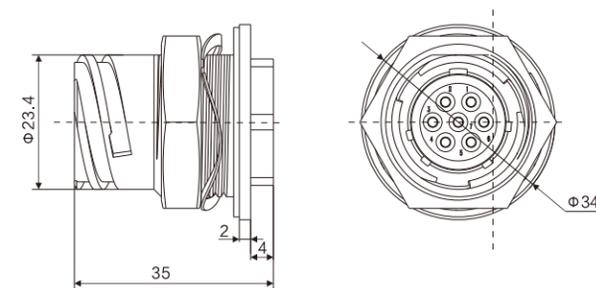
## 性能参数 Specification

- 额定电流Rated Current:  
信号Signal 2A(0.5/0.75mm<sup>2</sup>)、5A(1mm<sup>2</sup>)、10A(1.5mm<sup>2</sup>)
- 额定电压 Rated Voltage: 24V
- 耐压 Dielectric Withstanding Voltage: 1000V AC 50Hz
- 工作温度Temperature Range:  $-40^{\circ}C \sim +125^{\circ}C$
- 防护等级IP Rating: IP67&IP6K9K、IPXXB

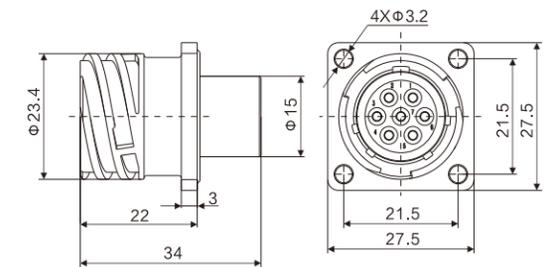
YGC909-EV-S7P插头



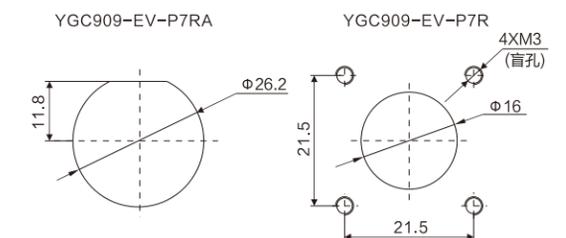
YGC909-EV-P7RA插座



YGC909-EV-P7R插座



YGC909 7芯安装开孔尺寸



# YGC1024电连接器

YGC1024 CONNECTOR INTRODUCTION

### 应用范围 Application

- 信号系统连接Signal System

### 产品描述 Description

- 二次锁紧Secondary Lock Function
- 线径范围Cable Range: 0.5~1.5mm<sup>2</sup>
- 防呆键位Poka-yoke
- 32芯连接器32 Core Connector

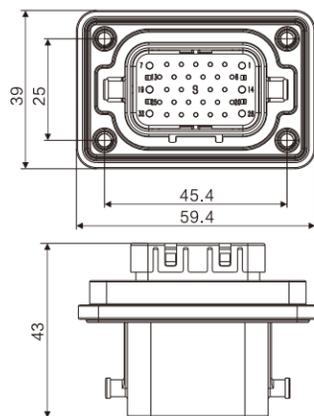
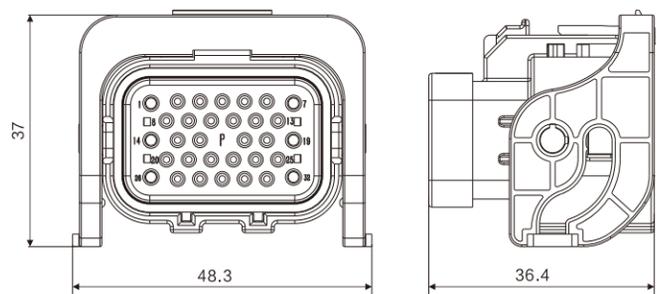
### 性能参数 Specification

- 额定电流Rated Current:  
信号Signal 2A(0.5/0.75mm<sup>2</sup>)、5A(1mm<sup>2</sup>)、10A(1.5mm<sup>2</sup>)
- 额定电压Rated Voltage: 24V
- 耐电压Dielectric Withstanding Voltage: 1000V AC 50Hz
- 工作温度Temperature Range: -40℃ ~ +125℃
- 防护等级IPRating: IP67&IP6K9K、IPXXB

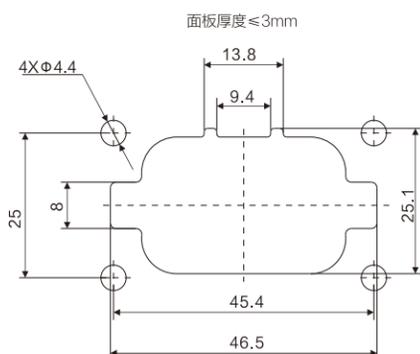


YGC1024-EV-S32P插头

YGC1024-EV-P32R插座



YGC1024 32芯安装开孔尺寸



流体连接器系列

FLUID CONNECTOR

# LTP直式流体连接器

LTP VERTICAL FLUID CONNECTOR

### 应用范围 Application

● 该系列产品主要应用于储能系统的连接，采用卡口锁紧方式，只需推和旋转就能实现插合和锁紧。

This series of products is mainly applied in the connection of energy storage systems. It adopts a bayonet locking mechanism, which can be achieved simply by pushing and rotating to complete the plug-in and locking.

### 产品描述 Description

● 颜色防呆Poka-yoke: 红色Red、蓝色Blue

● 锁紧方式Lock mode: 采用卡口锁紧连接方式，可实现快速插拔

The bayonet lock connection method is adopted, which enables quick insertion and removal.

### 性能参数 Specification

● 耐压性能 (MPa) pressure resistance:  $\geq 0.4$

● 最小爆破压力 (MPa) Minimum burst pressure:  $\geq 1.2$

● 流量系数Kv (m<sup>3</sup>/h) flow coefficient: 2

● 最大工作流量 (L/min) Maximum working flow rate: 8~15

● 最大插合力 (N) Maximum insertion force: 85

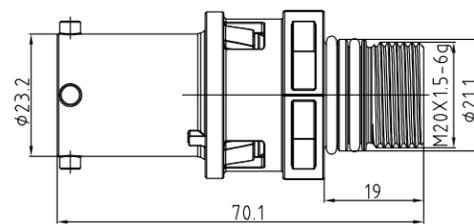
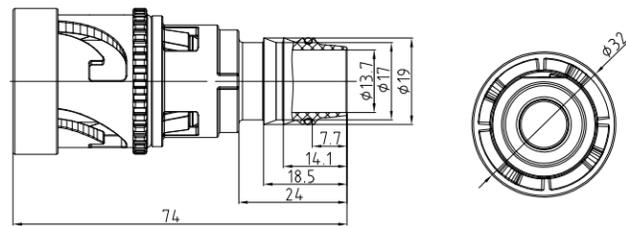
● 工作温度Operating Temperature: -45℃ ~ +80℃

● 机械寿命Mechanical Life: 1000 cycles

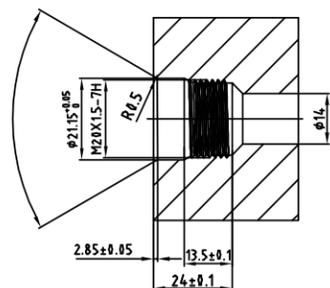


LTP直式插头

LTP直式插座

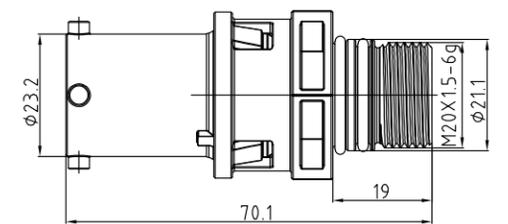
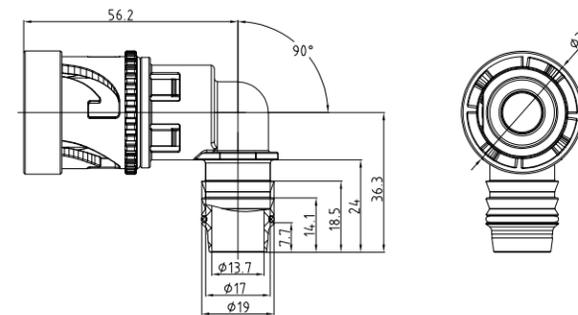


LTP直式安装开孔尺寸

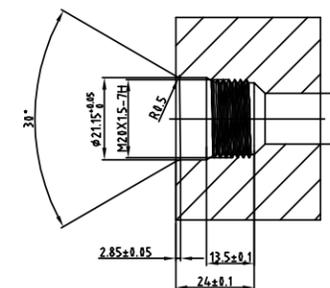


LTP弯式插头

LTP弯式插座



LTP弯式安装开孔尺寸



# LTP弯式流体连接器

LTP BENT FLUID CONNECTOR

### 应用范围 Application

● 该系列产品主要应用于储能系统的连接，采用卡口锁紧方式，只需推和旋转就能实现插合和锁紧。

This series of products is mainly applied in the connection of energy storage systems. It adopts a bayonet locking mechanism, which can be achieved simply by pushing and rotating to complete the plug-in and locking.

### 产品描述 Description

● 颜色防呆Poka-yoke: 红色Red、蓝色Blue

● 锁紧方式Lock mode: 采用卡口锁紧连接方式，可实现快速插拔

The bayonet lock connection method is adopted, which enables quick insertion and removal.

### 性能参数 Specification

● 耐压性能 (MPa) pressure resistance:  $\geq 0.4$

● 最小爆破压力 (MPa) Minimum burst pressure:  $\geq 1.2$

● 流量系数Kv (m<sup>3</sup>/h) flow coefficient: 2

● 最大工作流量 (L/min) Maximum working flow rate: 8~15

● 最大插合力 (N) Maximum insertion force: 85

● 工作温度Operating Temperature: -45℃ ~ +80℃

● 机械寿命Mechanical Life: 1000 cycles





集成系列

INTEGRATION SERIES

集成系列

# 集成面板1

INTEGRATED PANEL 1

应用范围 Application

- 储能系统 energy storage systems

产品描述 Description

- 连接Connect: 储能PACK以及工业蓄电池设备等其他同类场合的电气连接Electrical connections for energy storage PACKs and industrial battery equipment in similar applications
- 可定制Customizable



集成系列

# 集成面板2

INTEGRATED PANEL 2

应用范围 Application

- 储能系统 energy storage systems

产品描述 Description

- 连接Connect: 储能PACK以及工业蓄电池设备等其他同类场合的电气连接Electrical connections for energy storage PACKs and industrial battery equipment in similar applications
- 可定制Customizable



单芯高防护系列(N代)

单芯高防护系列(N代)

单芯风冷系列

混装户储系列

手动维护开关系列

信号系列

流体连接器系列

集成系列

## 储能高压线束

HIGH VOLTAGE HARNESS FOR ENERGY STORAGE

## 应用范围 Application

- 电动汽车、储能系统 Electric vehicles, energy storage systems

## 产品描述 Description

- 连接 Connect: 电池组、电机、控制器等电力设备 Power equipment such as battery packs, motors, controllers, etc
- 可定制 Customizable



## 混装连接器线束

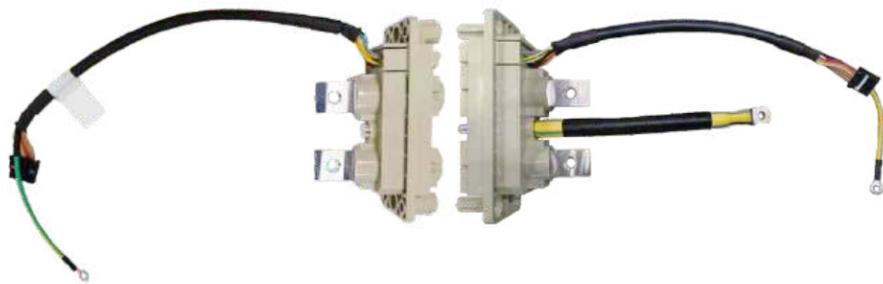
WIRING HARNESS FOR THE MIXED CONNECTOR

## 应用范围 Application

- 储能机柜 Energy storage racks

## 产品描述 Description

- 连接 Connect: 电池包电源及信号线 Power and signal cables for battery pack
- 可定制 Customizable



## 整机采样线束

WIRING HARNESS FOR THE WHOLE MACHINE SAMPLING

## 应用范围 Application

- 储能机柜 Energy storage racks

## 产品描述 Description

- 连接 Connect: 电池包电源及信号线 Power and signal cables for battery pack
- 可定制 Customizable



## 信号线束

WIRING HARNESS FOR SAMPLING

## 应用范围 Application

- 储能机柜 Energy storage racks

## 产品描述 Description

- 连接 Connect: 信号线 Signal cables
- 可定制 Customizable



## 应用范围 Application

- 储能汇流柜 Energy storage combiner cabinet

## 产品描述 Description

● 高压箱是电池簇高压动力回路的管理单元，具有电池簇电压、簇电流采集，簇回路接触器控制和保护等功能。高压箱内集成断路器、接触器、熔断器、环流控制电路、电流传感器、二级电源管理系统、开关电源等器件。二级电源管理系统具有通讯总线接口，可实现高压箱与三级电源管理系统以及储能变流器(PCS)、PLC、EMS之间的通讯功能，实现电池簇的控制、保护、通讯和数据交换功能。

The high-voltage box is the management unit of the high-voltage power circuit of the battery cluster, which has functions such as battery cluster voltage and current collection, cluster circuit contactor control and protection.

Integrated circuit breakers, contactors, fuses, circulating current control circuits, current sensors, secondary power management systems, switching power supplies, and other components inside the high-voltage box. The secondary power management system has a communication bus interface, which can realize the communication function between the high-voltage box and the tertiary power management system, as well as the energy storage inverter (PCS), PLC, EMS, and control, protection, communication, and data exchange functions of the battery cluster.



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