

# 宁波品恩泰克新能源有限公司 Ningbo Pntech New Energy Co.,Ltd.



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## 宁波品恩泰克新能源有限公司 Ningbo Pntech New Energy Co.,Ltd.

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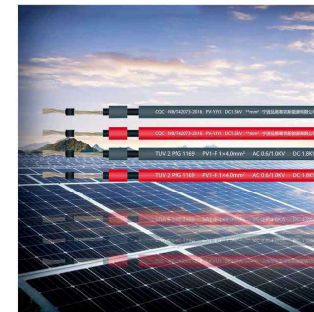
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# The Company

## 企业简介

宁波品恩泰克新能源有限公司成立于2011年，公司地处浙江省宁波市海曙区，是一家致力于研发生产光伏电缆的专业厂家，月生产能力达10000KM，同时拥有技术精湛的产品研发团队，具有丰富的产品设计经验，为产品质量提供保障，产品在全球范围内被广泛应用于光伏电站，光伏系统等各个领域。自公司成立以来，相继通过了ISO9001、ISO14001等质量体系认证，部分产品取得了CQC、TUV、CE、RoHS认证。公司一直秉承“以人才为根本，以市场为导向，以质量为保证，以服务为宗旨”的经营理念，始终坚持以客户的需求和满意为核心，不断地用优质、精美、具有创造力的产品为客户提供更大的价值回报。



Founded in 2011 in Ningbo, Zhejiang China, PNTECH is one the leading suppliers for solar cables, solar accessories and systems of the highest level of quality.

Over 50 employees contribute daily to the PNTECH with their dedication, knowledge and ideas. As a result, the range of products extends from solar cable, solar connectors to solar power systems. At PNTECH, we strive to meet 100% of our customer requirements and deliver quality products on time through continuous improvement of our processes and procedures.

Our dedication to quality is illustrated by our recent achievement of TUV Certification, which granted authorization to perform tests in full compliance with TUV standards, but also Quality Validation and New Product Innovation.

## 品恩泰克资质证明 Qualification Certifications

光伏电缆按照EN50618：2014、NB/T42073-2016标准生产；光伏连接器按EN62852：2015/IEC62852(ed.1)标准生产；并获得了TUV SUD及CQC的认证证书

Our Solar Cable and Connectors are both approved by TUV certification, the cable is according to EN50618:2014 / 2 PfG 1169 standard to produce, and connectors is according to EN62852:2015 / IEC 62852(ed,1). Also we have the CQC, CE, Rohs and FCC certificate.



ISO9001:2008



CQC认证



商标证书



专利证书



TUV认证



TUV认证



CE认证



RoHS认证



FCC认证

一步一个脚印，点点滴滴的积累，终于使品恩泰克成长为中国太阳能行业知名品牌。所有的这些荣誉，是我们努力的肯定，是市场和客户对我们无上的褒奖。在以后的发展中，我们会一如既往地坚持我们优秀的经营理念，为广大客商提供更优秀、更出色的产品。



# 太阳能光伏直流电缆

## Single Core DC SOLAR PV CABLE

国标CQC/欧标 EN50618

Cable Type: PV1-F (1000V)/PV-YJYJ (1500V)/H1Z2Z2-K(1500V)



### 光伏电缆特点说明



|                                                    |
|----------------------------------------------------|
| 导体 (Conductor)                                     |
| 镀锡铜丝 (Stranded tinned copper)                      |
| 绝缘层 (Insulation)                                   |
| 辐照交联聚烯烃 Halogen free cross-linked polyolefin(XLPO) |
| 护套层 (Sheath)                                       |
| 辐照交联聚烯烃 Halogen free cross-linked polyolefin(XLPO) |
| 额定温度 (Rated Temperature)                           |
| -40°C~+90°C                                        |
| 额定电压 (Rated Rating)                                |
| AC:0.6/1KV DC:1.5KV                                |
| 耐候性能 (Weathering Resistance)                       |
| 耐光照 (Sun resistant)                                |
| 参考标准 (Standard)                                    |
| 2 PfG 1169 08.2007 EN 50618:2014 NB/T42073-2016    |



## 光伏电缆规格书

### Solar Cable Specification

| 导线标称截面<br>(mm <sup>2</sup> ) | 导体结构<br>(n/mm)           | 护套厚度<br>(mm)              | 近似外径 (mm)               | 电缆近似重量<br>(Kg/Km)      | 20°C导体电阻<br>(Ω/Km)        | 试验电压<br>(A. C. KV) |
|------------------------------|--------------------------|---------------------------|-------------------------|------------------------|---------------------------|--------------------|
| Gross Section                | Conductor<br>Constrction | Sheath Mediun<br>Tickness | Approx Outer<br>Diamete | Approx Cable<br>Weight | Electric res. at<br>20°C≤ | Testing<br>Voltage |
| 1X1.5                        | 30/0.25                  | 0.8                       | 4.8                     | 35                     | 13.5                      | 10                 |
| 1X2.5                        | 49/0.25                  | 0.8                       | 5.3                     | 48                     | 8.21                      | 10                 |
| 1X4                          | 56/0.285                 | 0.8                       | 5.9                     | 64                     | 5.09                      | 10                 |
| 1X6                          | 84/0.285                 | 0.8                       | 6.5                     | 85                     | 3.39                      | 10                 |
| 1X10                         | 80/0.4                   | 0.8                       | 7.5                     | 130                    | 1.95                      | 10                 |
| 1X16                         | 126/0.4                  | 0.9                       | 10                      | 195                    | 1.24                      | 10                 |
| 1X25                         | 196/0.4                  | 1.0                       | 12                      | 295                    | 0.795                     | 12                 |

备注：符合标准要求下的结构及外径调整，恕不再另行通知  
Remarks: Structure and outside diameter adjustment with standard requirements without further notice.



# 太阳能光伏直流电缆 (双芯线)

## Twin Core DC SOLAR PV CABLE

国标CQC/欧标 EN50618

Cable Type: PV1-F (1000V)/PV-YJYJ (1500V)/H1Z2Z2-K(1500V)



### 光伏电缆(双芯) 规格书

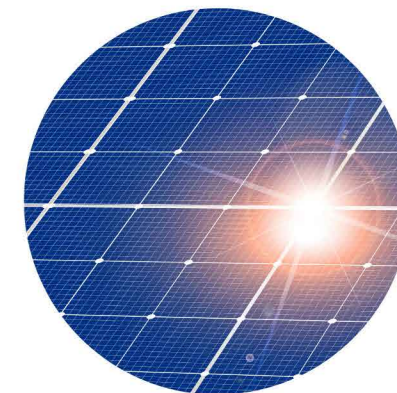
### Solar Cable Specification

| 导线标称截面<br>(mm <sup>2</sup> ) | 绝缘厚度 (mm)                         | 护套厚度<br>(mm)              | 近似外径 (mm)               | 电缆近似重量<br>(Kg/Km)      | 20°C导体电阻<br>(Ω/Km)        | 试验电压<br>(A. C. KV) |
|------------------------------|-----------------------------------|---------------------------|-------------------------|------------------------|---------------------------|--------------------|
| Gross Section                | Insulation<br>Medium<br>Thickness | Sheath Medium<br>Tickness | Approx Outer<br>Diamete | Approx Cable<br>Weight | Electric res. at<br>20°C≤ | Testing<br>Voltage |
| 2X2.5                        | 0.7                               | 0.8                       | 10X4.8                  | 92                     | 8.21                      | 10                 |
| 2X4                          | 0.7                               | 0.8                       | 11.5X5                  | 126                    | 5.09                      | 10                 |
| 2X6                          | 0.8                               | 0.8                       | 13X6                    | 168                    | 3.39                      | 10                 |





# 太阳能光伏连接器 SOLAR PV CONNECTOR



## 光伏连接器1000V系列

## PV Connector 1000V series

### 光伏连接器

PV004-EN

### 二极管连接器

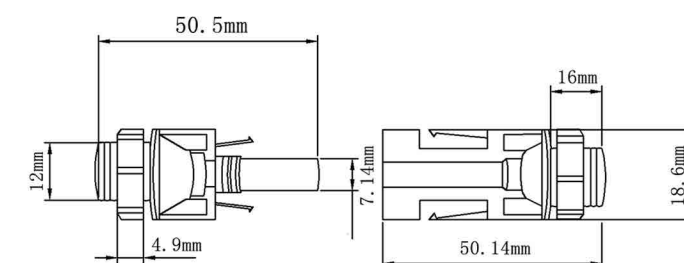
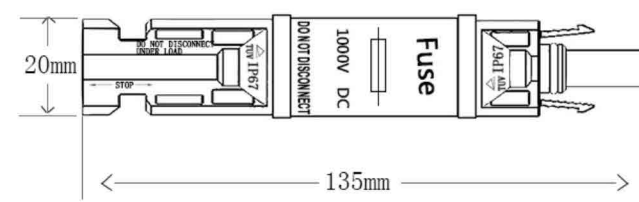
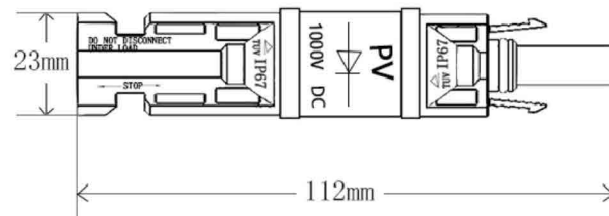
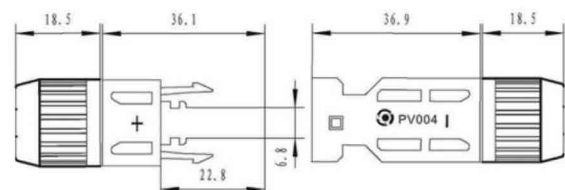
PV004-D(Diode Connector)

### 保险丝连接器

PV04-F(Fuse Connector)

### 板端连接器

PV004-P(Plate End Connector)



|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| 型号 Type                         | PV004-EN                                                 |
| 额定电压 Rated Voltage              | 1000V DC                                                 |
| 额定脉冲电压 Rated Impulse Voltage    | 8000V                                                    |
| 额定绝缘电压 Rated Insulation Voltage | 6000V                                                    |
| 额定电流 Rated Current              | 30A                                                      |
| 标准 Standard                     | IEC 62852                                                |
| 防护等级 Protection Degree          | IP67                                                     |
| 接触电阻 Contact Resistance         | ≤0.5mΩ                                                   |
| 污染程度 Pollution Degree           | 2                                                        |
| 环境温度 Ambient Temperature        | -40°C~85°C                                               |
| 电缆截面积 Cable Cross Section Area  | 2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup> |
| 绝缘材料 Insulation Material        | PC EXL9330                                               |
| 阻燃等级 Flame Class                | UL94-V0                                                  |

|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-D           |
| 额定电压 Rated Voltage       | 1000V DC          |
| 接触材料 Contact materials   | Tin plated copper |
| 额定电流 Rated Current       | 10A, 15A, 20A     |
| 标准 Standard              | IEC 62852         |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~85°C        |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-F           |
| 额定电压 Rated Voltage       | 1000V DC          |
| 接触材料 Contact materials   | Tin plated copper |
| 额定电流 Rated Current       | 10A, 15A, 20A     |
| 标准 Standard              | IEC 62852         |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~85°C        |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-P           |
| 额定电压 Rated Voltage       | 1000V DC          |
| 接触材料 Contact materials   | Tin plated copper |
| 额定电流 Rated Current       | 10A, 15A, 20A     |
| 标准 Standard              | IEC 62852         |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~85°C        |
| 螺纹尺寸 Thread size         | 12mm              |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

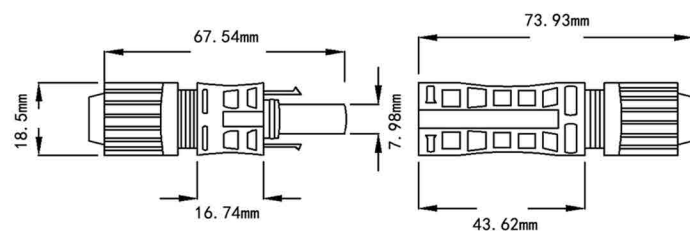


# 太阳能光伏连接器

## SOLAR PV CONNECTOR

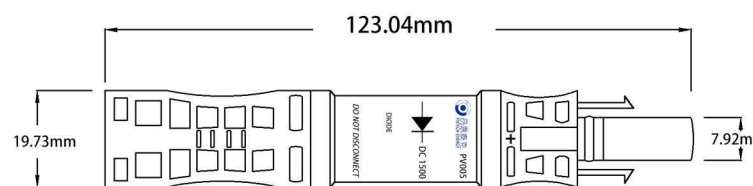
### 光伏连接器1500V系列

#### 光伏连接器 (1500V) PV005



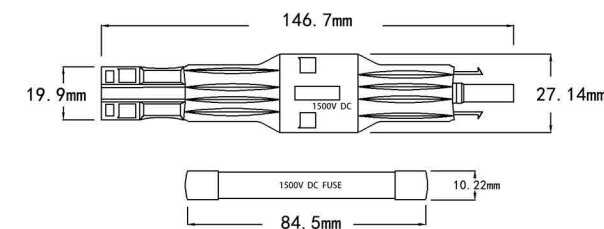
|                                |                                                          |
|--------------------------------|----------------------------------------------------------|
| 型号 Type                        | PV005                                                    |
| 额定电压 Rated Voltzge             | 1500V DC                                                 |
| 额定电流 Rated Current             | 30A                                                      |
| 标准 Standard                    | IEC 62852                                                |
| 防护等级 Protection Degree         | IP67                                                     |
| 接触电阻 Contact Resistance        | ≤0.5mΩ                                                   |
| 污染程度 Pollution Degree          | 2                                                        |
| 环境温度 Ambient Temperature       | -40°C~85°C                                               |
| 电缆截面积 Cable Cross Section Area | 2.5mm <sup>2</sup> , 4mm <sup>2</sup> , 6mm <sup>2</sup> |
| 绝缘材料 Insulation Material       | PC EXL9330                                               |
| 阻燃等级 Flame Class               | UL94-V0                                                  |

#### 二极管连接器(1500V) PV005-D(Diode Connector)



|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV005-D           |
| 额定电压 Rated Voltzge       | 1500V DC          |
| 接触材料 Contact materials   | Tin plated copper |
| 额定电流 Rated Current       | 10A, 15A, 20A     |
| 标准 Standard              | IEC 62852         |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~85°C        |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

#### 保险丝连接器(1500V) PV005-F(Fuse Connector)



|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV005-F           |
| 额定电压 Rated Voltzge       | 1500V DC          |
| 接触材料 Contact materials   | Tin plated copper |
| 额定电流 Rated Current       | 15A, 20A          |
| 标准 Standard              | IEC 62852         |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~85°C        |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |





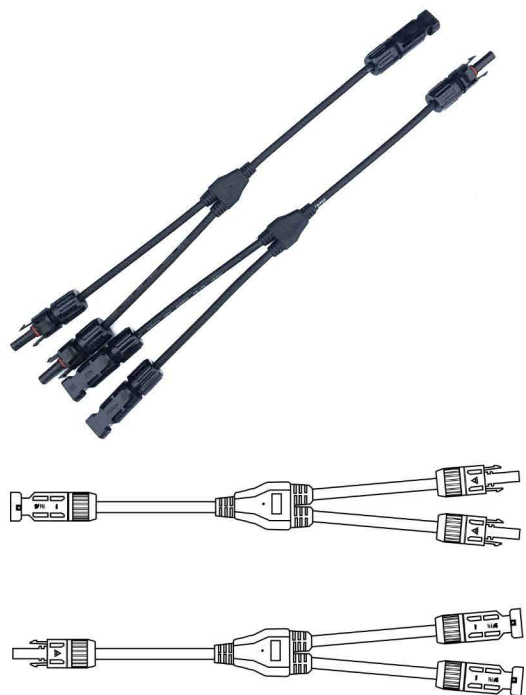
# Y型光伏连接器

## Y Branch Solar PV Connector

### 光伏连接器Y型分支系列

#### 二合一Y型光伏连接器

2 to 1 Y Branch Connector



|                          |                             |
|--------------------------|-----------------------------|
| 型号 Type                  | PV004-2T1                   |
| 额定电压 Rated Voltzge       | 1000V DC                    |
| 额定电流 Rated Current       | 30A                         |
| 防护等级 Protection Degree   | IP67                        |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                      |
| 污染程度 Pollution Degree    | 2                           |
| 环境温度 Ambient Temperature | -40°C~90°C                  |
| 接触材料 Contact materials   | Tin plated copper           |
| 绝缘材料 Insulation Material | PPO/XLPE                    |
| 阻燃等级 Flame Class         | UL94-V0                     |
| 输入电缆规格 Input Cable       | PV Cable 1x4mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x4mm <sup>2</sup> |

#### 三合一Y型光伏连接器

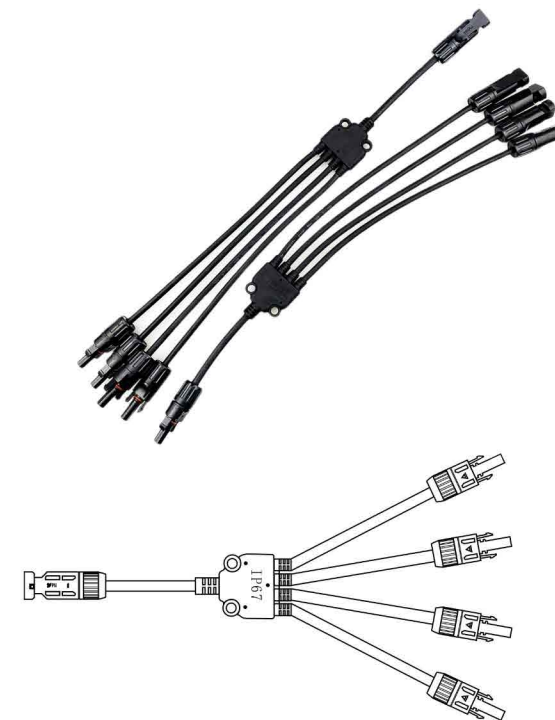
3 to 1 Y Branch Connector



|                          |                             |
|--------------------------|-----------------------------|
| 型号 Type                  | PV004-3T1                   |
| 额定电压 Rated Voltzge       | 1000V DC                    |
| 额定电流 Rated Current       | 30A                         |
| 防护等级 Protection Degree   | IP67                        |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                      |
| 污染程度 Pollution Degree    | 2                           |
| 环境温度 Ambient Temperature | -40°C~90°C                  |
| 接触材料 Contact materials   | Tin plated copper           |
| 绝缘材料 Insulation Material | PPO/XLPE                    |
| 阻燃等级 Flame Class         | UL94-V0                     |
| 输入电缆规格 Input Cable       | PV Cable 1x4mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x4mm <sup>2</sup> |

#### 四合一Y型光伏连接器

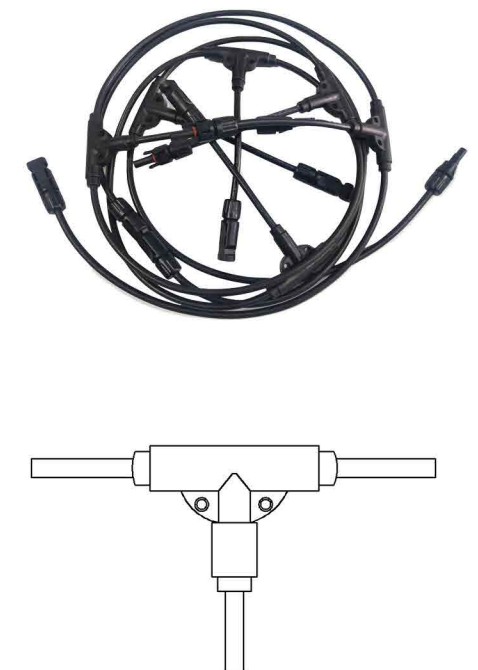
4 to 1 Y Branch Connector



|                          |                             |
|--------------------------|-----------------------------|
| 型号 Type                  | PV004-4T1                   |
| 额定电压 Rated Voltzge       | 1000V DC                    |
| 额定电流 Rated Current       | 30A                         |
| 防护等级 Protection Degree   | IP67                        |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                      |
| 污染程度 Pollution Degree    | 2                           |
| 环境温度 Ambient Temperature | -40°C~90°C                  |
| 接触材料 Contact materials   | Tin plated copper           |
| 绝缘材料 Insulation Material | PPO/XLPE                    |
| 阻燃等级 Flame Class         | UL94-V0                     |
| 输入电缆规格 Input Cable       | PV Cable 1x4mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x6mm <sup>2</sup> |

#### 多合一Y型光伏连接器

X to 1 Y Branch Connector



|                          |                               |
|--------------------------|-------------------------------|
| 型号 Type                  | PV004-XT1                     |
| 额定电压 Rated Voltzge       | 1000V DC                      |
| 额定电流 Rated Current       | 30A                           |
| 防护等级 Protection Degree   | IP67                          |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                        |
| 污染程度 Pollution Degree    | 2                             |
| 环境温度 Ambient Temperature | -40°C~90°C                    |
| 接触材料 Contact materials   | Tin plated copper             |
| 绝缘材料 Insulation Material | PPO/XLPE                      |
| 阻燃等级 Flame Class         | UL94-V0                       |
| 输入电缆规格 Input Cable       | PV Cable 1x4/6mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x4/6mm <sup>2</sup> |



## Y型光伏连接器 (1500V)

Y Branch Solar PV Connector (1500V)

光伏连接器 **1500V** Y型分支系列



二合一Y型光伏连接器 (1500V)  
2 to 1 Y Branch Connector(1500V)



|                          |                             |
|--------------------------|-----------------------------|
| 型号 Type                  | PV005-2T1                   |
| 额定电压 Rated Voltzge       | 1500V DC                    |
| 额定电流 Rated Current       | 30A                         |
| 防护等级 Protection Degree   | IP67                        |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                      |
| 污染程度 Pollution Degree    | 2                           |
| 环境温度 Ambient Temperature | -40°C~90°C                  |
| 接触材料 Contact materials   | Tin plated copper           |
| 绝缘材料 Insulation Material | PC EXL9330/XLPE             |
| 阻燃等级 Flame Class         | UL94-V0                     |
| 输入电缆规格 Input Cable       | PV Cable 1x4mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x4mm <sup>2</sup> |

三合一Y型光伏连接器 (1500V)  
3 to 1 Y Branch Connector(1500V)



|                          |                             |
|--------------------------|-----------------------------|
| 型号 Type                  | PV005-3T1                   |
| 额定电压 Rated Voltzge       | 1500V DC                    |
| 额定电流 Rated Current       | 30A                         |
| 防护等级 Protection Degree   | IP67                        |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                      |
| 污染程度 Pollution Degree    | 2                           |
| 环境温度 Ambient Temperature | -40°C~90°C                  |
| 接触材料 Contact materials   | Tin plated copper           |
| 绝缘材料 Insulation Material | PC EXL9330/XLPE             |
| 阻燃等级 Flame Class         | UL94-V0                     |
| 输入电缆规格 Input Cable       | PV Cable 1x4mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x4mm <sup>2</sup> |

四合一Y型光伏连接器 (1500V)  
4 to 1 Y Branch Connector(1500V)



|                          |                             |
|--------------------------|-----------------------------|
| 型号 Type                  | PV005-4T1                   |
| 额定电压 Rated Voltzge       | 1500V DC                    |
| 额定电流 Rated Current       | 30A                         |
| 防护等级 Protection Degree   | IP67                        |
| 接触电阻 Contact Resistance  | ≤0.5mΩ                      |
| 污染程度 Pollution Degree    | 2                           |
| 环境温度 Ambient Temperature | -40°C~90°C                  |
| 接触材料 Contact materials   | Tin plated copper           |
| 绝缘材料 Insulation Material | PC EXL9330/XLPE             |
| 阻燃等级 Flame Class         | UL94-V0                     |
| 输入电缆规格 Input Cable       | PV Cable 1x4mm <sup>2</sup> |
| 输出电缆规格 Output Cable      | PV Cable 1x6mm <sup>2</sup> |

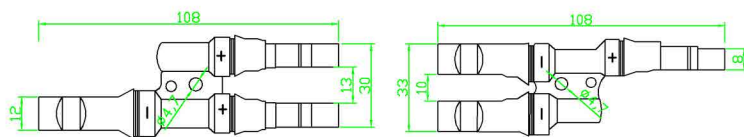


# T型光伏连接器

## T Branch Solar PV Connector

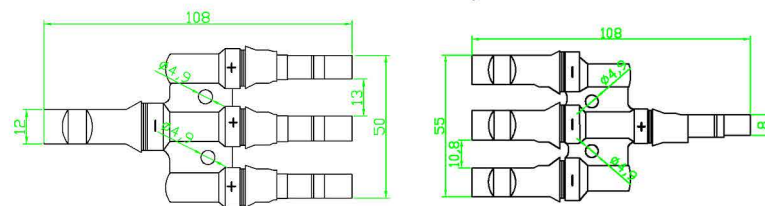
### 光伏连接器T型系列

#### 二合一T型光伏连接器 2 to 1 T Branch Connector



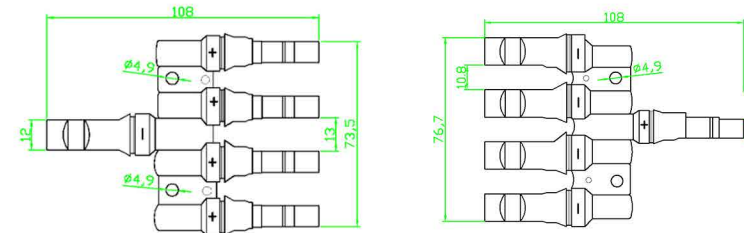
|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-T2          |
| 额定电压 Rated Voltzge       | 1000V DC          |
| 额定电流 Rated Current       | 30A               |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~90°C        |
| 接触材料 Contact materials   | Tin plated copper |
| 适配连接器 Adapter connector  | PV004/PV005       |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

#### 三合一T型光伏连接器 3 to 1 T Branch Connector



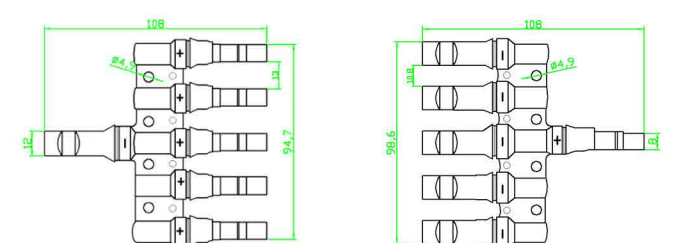
|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-T3          |
| 额定电压 Rated Voltzge       | 1000V DC          |
| 额定电流 Rated Current       | 30A               |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~90°C        |
| 接触材料 Contact materials   | Tin plated copper |
| 适配连接器 Adapter connector  | PV004/PV005       |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

#### 四合一T型光伏连接器 4 to 1 T Branch Connector



|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-T4          |
| 额定电压 Rated Voltzge       | 1000V DC          |
| 额定电流 Rated Current       | 30A               |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~90°C        |
| 接触材料 Contact materials   | Tin plated copper |
| 适配连接器 Adapter connector  | PV004/PV005       |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |

#### 五合一T型光伏连接器 5 to 1 T Branch Connector



|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | PV004-T5          |
| 额定电压 Rated Voltzge       | 1000V DC          |
| 额定电流 Rated Current       | 30A               |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | ≤0.5mΩ            |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~90°C        |
| 接触材料 Contact materials   | Tin plated copper |
| 适配连接器 Adapter connector  | PV004/PV005       |
| 绝缘材料 Insulation Material | PPO               |
| 阻燃等级 Flame Class         | UL94-V0           |



## 太阳能光伏发电系统用延长线 Solar Extension Cable for Solar Power System

### 光伏电缆延长线定制

#### 光伏电缆延长线双头连接器

Solar Extension Cable with Connector (Double ends)



|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | DC-DC             |
| 额定电压 Rated Voltzge       | 1000V/1500V DC    |
| 额定电流 Rated Current       | 30A               |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | $\leq 0.5m\Omega$ |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~90°C        |
| 接触材料 Contact materials   | Tin plated copper |
| 绝缘材料 Insulation Material | PPO/XLPE          |
| 阻燃等级 Flame Class         | UL94-V0           |
| 电缆规格 Cable Type          | PV Cable          |
| 电缆长度 Cable Length        | Customized        |

#### 光伏电缆延长线单头连接器

Solar Extension Cable with Connector (Single ends)



|                          |                   |
|--------------------------|-------------------|
| 型号 Type                  | DC-00             |
| 额定电压 Rated Voltzge       | 1000V/1500V DC    |
| 额定电流 Rated Current       | 30A               |
| 防护等级 Protection Degree   | IP67              |
| 接触电阻 Contact Resistance  | $\leq 0.5m\Omega$ |
| 污染程度 Pollution Degree    | 2                 |
| 环境温度 Ambient Temperature | -40°C~90°C        |
| 接触材料 Contact materials   | Tin plated copper |
| 绝缘材料 Insulation Material | PPO/XLPE          |
| 阻燃等级 Flame Class         | UL94-V0           |
| 电缆规格 Cable Type          | PV Cable          |
| 电缆长度 Cable Length        | Customized        |

### Solar Extension Cable

#### 光伏电缆延长线定制图集

Customization Scheme for Solar Extension Cable



电瓶铜扣线  
Battery Brass Buckle



太阳能路灯  
Solar Street Light



安德森接头  
Anderson Joint



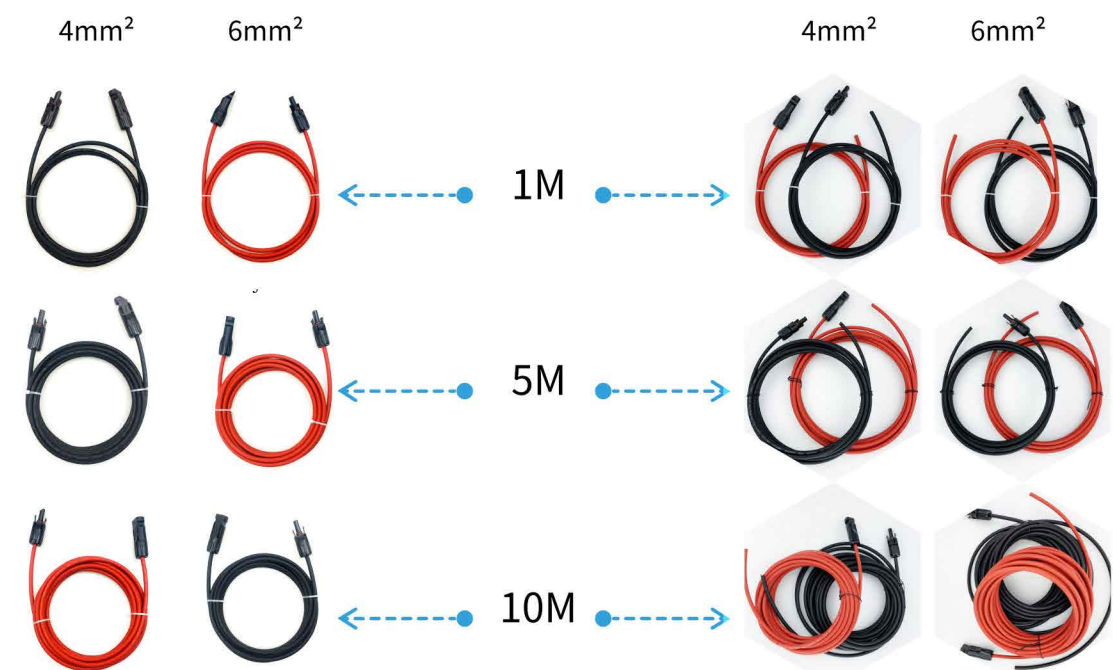
O型铜鼻  
O Type DT

#### 双头线长图集

The image of different cable lengths(Double ends)

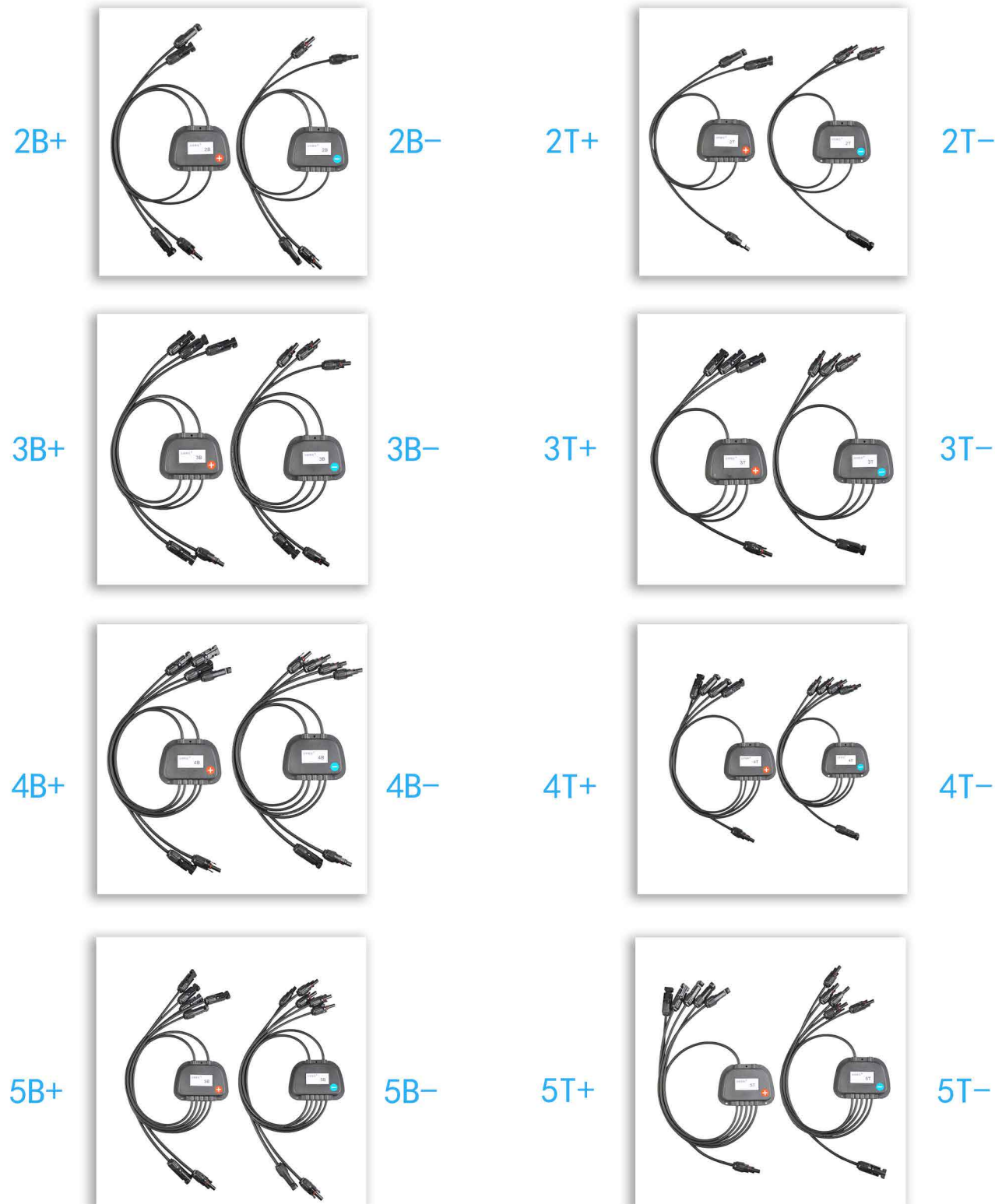
#### 单头线长图集

The image of different cable lengths(Single ends)





汇流接线盒（薄膜组件系统专用）  
内置防反二极管



太阳能薄膜组件汇流接线盒  
Solar Junction Box

PV Junction Box (Special For Thim Film Module)

汇流套件产品规格书  
Confluence kit product specification

| 型号 Model | 进线电缆 Into Cable (2.5mm <sup>2</sup> ) | 出线电缆 Outlet Cable (4mm <sup>2</sup> ) |
|----------|---------------------------------------|---------------------------------------|
| PH-HL-2T | 2*1.2M (共2条)                          | 1*1M (共1条)                            |
| PH-HL-2B | 2*1.2M (共2条)                          | 2*1M (共2条)                            |
| PH-HL-3T | 3*1.2M (共3条)                          | 1*1M (共1条)                            |
| PH-HL-3B | 3*1.2M (共3条)                          | 2*1M (共2条)                            |
| PH-HL-4T | 4*1.2M (共4条)                          | 1*1M (共1条)                            |
| PH-HL-4B | 4*1.2M (共4条)                          | 2*1M (共2条)                            |
| PH-HL-5T | 5*1.2M (共5条)                          | 1*1M (共1条)                            |
| PH-HL-5B | 5*1.2M (共5条)                          | 2*1M (共2条)                            |
| PH-HL-6T | 6*1.2M (共6条)                          | 1*1M (共1条)                            |
| PH-HL-6B | 6*1.2M (共6条)                          | 2*1M (共2条)                            |

技术参数  
Technical parameters

|                                                     |
|-----------------------------------------------------|
| 额定电压 (Rated Rating)                                 |
| 1000V DC                                            |
| 额定电流 (Rated Current)                                |
| 6A/30A                                              |
| 防护等级 (Protection Grade)                             |
| IP67, 满足室内外安装要求                                     |
| 工作环境温度范围 (Temperature Range Of Working Environment) |
| -40°C~+85°C                                         |
| 绝缘电阻 (Insulation Resistance)                        |
| ≥400MΩ                                              |
| 安全等级 (Safety Grade)                                 |
| Class A                                             |



## 光伏连接器配套工具

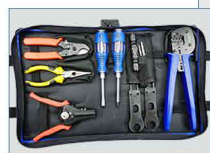
## Solar Tool Kits



## 型号展示

C4K-A

名称：压线钳（大）  
切线钳  
剥线钳  
尖嘴钳  
螺丝刀 x 2  
连接器扳手



### 套餐一



### 套餐二



C4K-B

名称：压线钳（小）  
切线钳  
剥线钳  
尖嘴钳  
螺丝刀 x 2  
连接器扳手



### 套餐三

C4K-C

名称：压线钳（大）  
切线钳  
剥线钳  
连接器扳手



### 套餐四



C4K-D

名称：压线钳（小）  
切线钳  
剥线钳  
连接器扳手



## 配件展示

Accessories



螺丝刀  
Screw driver



光伏连接器  
Solar Connector



压线钳（小）  
Crimping Pliers (Small)



切线钳  
Wire Cutters



剥线钳  
Wire Stripper



MC4扳手  
M4C Spanner



压线钳（大）  
Crimping Pliers (Big)



尖嘴钳  
Nipper Pliers

## 压接演示



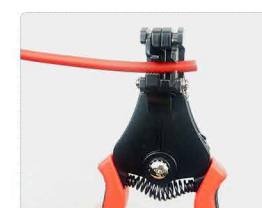
步骤



1 剪线 >



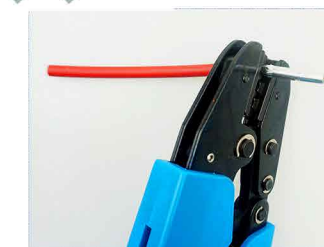
用剪线工具剪出所需用到的相应米数。



2 剥线 >



使用专用剥线钳将光伏电缆剥出1cm左右的芯线，备用



3 压线 >



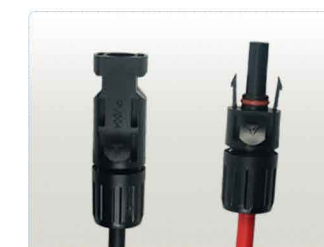
使用压线钳，将铜件插针正负极固定在已剥的光伏电缆上，备用。固定后耐20kg以上拉力。



4 组合 >



插入铜件插针，将带线的铜件插入相应的连接器外壳中，并拧紧螺帽。



5 对接 >



将安装完毕的光伏连接器正负极，与相应的正负极完成对接，确保锁扣完全插入，锁紧