



ZHONGHUAN SUNTER



浙江中环赛特光伏科技有限公司

ZHEJIANG ZHONGHUAN SUNTER PV TECHNOLOGY CO.,LTD

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## Company Introduction

Zhejiang Zhonghuan Sunter PV Technology Co. Ltd was founded in 2004, a leading National High-Tech Enterprise specialized in research & development & sales of solar PV junction box, connector and cable. Company has production area more than 200,000 square metres, independent and professional R & D team, advanced molding manufacturing equipment and testing equipment. While we have more than 200 professional junction box injection moulding machines, 100 professional production lines, 100 automatic punching machine and automatic assembly machine, we are confident to offer the quality products to our customers.

Company has more than 1000 employees, daily production capacity of junction box reach 350,000 sets, products are approved by TUV, UL, IEC, JET, Rohs certifications. Company has passed the ISO9001, ISO14001 and OHSAS18001 system certification. Our junction boxes are used by many well-known domestic and foreign solar PV module producers, helping us build an excellent reputation in solar PV field.

We advocate for using green energy start from ourselves, the company generate electricity around 2MW through the solar array, the electricity of 50% production are used from solar conversion. We are constantly seeking to improve our technical level and raise the quality of our products, to satisfy the market requirements for environmental protection and energy products.

浙江中环赛特光伏科技有限公司成立于2004年，是一家专业从事研发、生产和销售太阳能光伏组件接线盒、连接器、电缆线的国家级高新技术企业。公司生产面积达20万多平方米，拥有专业的研发团队，多台先进的数控模具制造设备、实验测试设备，200多台专业接线盒注塑机，100多条专业流水线，100多台全自动冲压机及自动装配机，保证了我公司高质量的产品。

公司现有员工1000多人，日生产成套接线盒能力达到35万套，产品通过TUV, UL, IEC, JET, Rohs等国际认证，企业还通过ISO9001, ISO14001, OHSAS18001管理体系认证。是国内外众多知名太阳能组件企业的长期指定供应商，产品受到了国内外客户的一致好评，并享有很高的声誉。

公司倡导使用绿色能源从我司开始，将通过太阳能列阵自主发电2MW，50%以上产品生产所需的电力通过太阳能转换所得。我们将继续创新，不断提高工艺水平和产品质量，以适应市场对绿色环保、节能产品的需求。





## Quality Control

The quality control level improves as the company management level promotion, following the ISO9001/2000 standard. Through a series of management assessment as the practice quality policy, guarantee quality goal, grasps each quality link tightly. In production process, we strictly request working instruction, inspection standards, carrying out earnestly strictly to the inspection system, using the mature working instruction in production. As the quality control, the company maintains collecting quality data momentarily to know the product quality weak link with the aim of seeking the corrective improvement promptly.



## 品质管理

品质管理必先提升企业管理的水平，遵循ISO9001/2000标准。通过一系列管理考核，为实践质量方针，确保质量目标，紧抓每个质量环节。在生产过程中严格要求操作规程，严把检验标准，认真贯彻执行检测制度，把成熟的作业指导用在生产现场。在品质管理中，公司始终保持质量数据采集，随时了解生产中每一批次的产品质量薄弱环节，以便及时寻求改进措施。



## R & D team



The company has a high level, rich experience, loving- research and independent, sense of responsibility R&D team. Through a continuous technological innovation, introduction, digestion and absorption, our company has the international PV manufacture technology with proprietary intellectual property rights, which is leading in PV field.

The company develops new products together with famous domestic universities, adopting advance PV technology. The company technological innovation needs the good work atmosphere, personalized pattern, reasonable incentive mechanism; Our R&D team has a rich theory knowledge and experience to promote the company technology and product innovation development.

## 产品研发

公司拥有一支专业水平高，经验丰富，热心于研发事业，责任心强和诚挚稳定的科技研发队伍。正是这支队伍通过不断的技术创新，引进、消化和吸收，使公司形成具有自主知识产权的国际化光伏产品制造技术，在国内同行业中处于领先地位。

公司还与国内大学设计院等著名院校合作开发新产品。企业技术创新需要良好的工作氛围，个性化模式，合理的激励机制；通过一系列管理设计使企业技术创新得到持续发展。研发人员具有较高的理论素养和丰富的实战经验，在企业中凭借知识和灵感，处理研发工作中可能发生的情况，发挥研发队伍的能动性，挖掘研发队伍特点，找出产品技术策略，推动企业技术进步和产品的创新发展。



## PV-ZH011C-2 SERIES



## PV-ZH011C-3x SERIES



### Technical data/技术参数

Rated current/额定电流	15A
Rated voltage/额定电压	1500V
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Connector/连接器	PV-ZH202B
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Housing material/RTI	110°C(TUV)
Wire Type/连接线规格	4mm <sup>2</sup>
Diode type/二极管型号	20SQ045(ST)

配置不同型号的二极管可改变接线盒的工作电流

The max working current of box will be changed when fixed with different types of diode

### Technical data/技术参数

Rated current/额定电流	22A
Rated voltage/额定电压	1500V(TUV)/1500V (UL)
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Connector/连接器	PV-ZH202B
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Housing material/RTI	110°C
Wire Type/连接线规格	4mm <sup>2</sup>
Diode type/二极管型号	SKT3545F

配置不同型号的二极管可改变接线盒的工作电流

The max working current of box will be changed when fixed with different types of diode



## PV-ZH011C-3L SERIES



## PV-ZH011C-3T SERIES



### Technical data/技术参数

Rated current/额定电流	25A
Rated voltage/额定电压	1500V
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Connector/连接器	PV-ZH202B
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Housing material/RTI	110°C
Wire Type/连接线规格	4mm <sup>2</sup>
Diode type/二极管型号	SKT4045F

配置不同型号的二极管可改变接线盒的工作电流

The max working current of box will be changed when fixed with different types of diode

### Technical data/技术参数

Rated current/额定电流	30A
Rated voltage/额定电压	1500V(TUV)/1500V (UL)
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Connector/连接器	PV-ZH202B
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Housing material/RTI	110°C
Wire Type/连接线规格	6mm <sup>2</sup>
Diode type/二极管型号	SKT5045F

配置不同型号的二极管可改变接线盒的工作电流

The max working current of box will be changed when fixed with different types of diode



## PV-ZH011C-3H SERIES



## PV-ZH011C-3K SERIES



### Technical data/技术参数

Rated current/额定电流	30A
Rated voltage/额定电压	1500V(TUV)/1500V (UL)
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Connector/连接器	PV-ZH202B
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Housing material/RTI	110°C
Wire Type/连接线规格	6mm <sup>2</sup>
Diode type/二极管型号	SKT5045F

配置不同型号的二极管可改变接线盒的工作电流

The max working current of box will be changed when fixed with different types of diode

### Technical data/技术参数

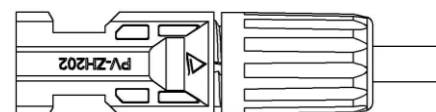
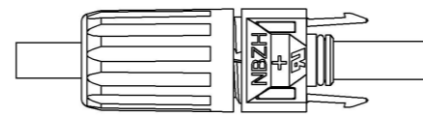
Rated current/额定电流	30A
Rated voltage/额定电压	1500V(TUV)/1500V (UL)
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Connector/连接器	PV-ZH202B
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Housing material/RTI	110°C
Wire Type/连接线规格	6mm <sup>2</sup>
Diode type/二极管型号	SKT5045F

配置不同型号的二极管可改变接线盒的工作电流

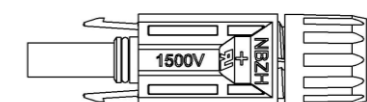
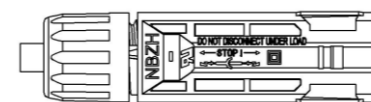
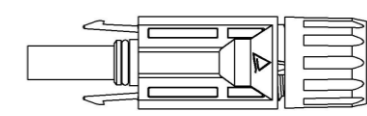
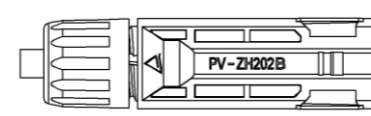
The max working current of box will be changed when fixed with different types of diode



### PV-ZH202 SERIES



### PV-ZH202B SERIES



#### Technical data/技术参数

Rated current/额定电流	30A
Rated voltage/额定电压	1000V(TUV)/1000V (UL)
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Contact resistance/接触电阻	≤0.5mΩ
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Degree of protection,unmated/触摸保护, 未插合状态	IP2X
Wire Type/连接线规格	4mm <sup>2</sup>
Suitable for cable outside diameter/适用线缆外径	I 型5.8-6.6mm II 型6.6-7.2mm III 型4.5-5.6mm

#### Technical data/技术参数

Rated current/额定电流	30A
Rated voltage/额定电压	1500V(TUV)/1500V (UL)
Degree of protection/防护等级	Ip68
Safety class/安全等级	Class II
Contact resistance/接触电阻	≤0.5mΩ
Flame class/火焰等级	5VB
Ambient temperature range/环境温度范围	-40°C...+85°C
Degree of protection,unmated/触摸保护, 未插合状态	IP2X
Wire Type/连接线规格	4mm <sup>2</sup>
Suitable for cable outside diameter/适用线缆外径	I 型φ5.6mm < OD ≤ φ6.6mm II 型φ6.6mm < OD ≤ φ7.2mm III 型φ4.5mm ≤ OD ≤ φ5.6mm