

18-01 连接器说明书

⚠️请务必按照本说明进行操作，并且选择本说明指定的工具，否则可能会造成技术指标无法满足标准要求，同时避免可能导致个人伤害、产品损害等潜在危害。

⚠️为防止触电，在安装时请与系统断开。

⚠️请勿在负载下插拔。

⚠️务必使用符合相关光伏标准的线缆。

⚠️易通已知接触或使用以下化学品可能引起产品被污染、腐蚀，导致产品性能的衰减、或出现产品开裂的情形，禁止这些化学品与产品接触。（已知化学品清单见“WARNING”）。

⚠️产品若有技术改进、外观变化，以机身铭牌及实物为准，变化将列入新版资料中，恕不另行通知。

⚠️未经易通公司事先书面许可的情况下，严禁以任何形式复制、传递、分发和存储本文档中的内容。

18-01 Instruction

⚠️ Make sure to carefully read and understand the instruction before installation. If tools other than those specified by the instruction used or if the assembly instructions described here are disregarded then compliance with the standard requirements can't be guaranteed. Meanwhile avoid potential hazards which may result in personal injury and product damage.

⚠️ For protection against electric shock, while being assembled or disassembled, make sure connectors isolated from the power supply.

⚠️ Connectors may not be connected or disconnected under load.

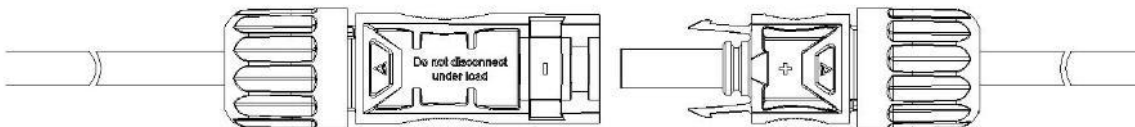
⚠️ The cables conformity with relevant photovoltaic standards must be used.

⚠️ YiTong to our customers and user to prevent exposure of the following chemicals may cause corrosion, degradation of performance, or cracking of product and might lead to potential safety issues in applications. (Lists of all known chemicals "WARNING")

⚠️ Technological improvements and appearance changes may occur, please see the nameplate on the connectors and the connectors as the standard. The changes will be included in the new edition of instruction without extra notice.

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成品 Finished Products





易通·光伏

产品介绍:

易通光伏科技 传导输送电力

Introduction:

- 正负极接插头固定带有稳定的自锁机构，开合自如。
- 通过认证: TUV

- positive and negative of the connectors with stable self-locking mechanism, open and close easily.
- Certification: TUV

主要技术规格:

- 额定电压: DC 1500V
- 额定电流: 41A
- 应用线缆: 4mm²
- 防护等级: IP68
- 工作环境温度: -40℃ ~ +85℃
- 依据标准: IEC62852

Main Technical Specification

- Rated Voltage: DC1500V
- Rated current: 41A
- Connecting capacity: 4mm²
- Protection Degree: IP68
- Ambient Temperature: -40℃~ +85℃;
- Reference standard IEC62852

主要特性:

外壳有强烈的抗老化，耐紫外线能力；符合于室外恶劣环境条件下的使用要求；

Main Speciality

with the capacity of Anti-aging and resistance to ultraviolet radiation on the outer cover .

To meet the using requirement under bad outdoor condition.

安装过程 Installation

第一步: 剥线 First step: wire stripper

使用剥线钳将光伏线缆(光伏线缆为: 金属线芯 4²mm, 外径 5.5-6.25mm) 拨出 6-7mm

The length of PV cable is 6-7mm by wire stripper. (PV cable:the area of metal core is 4² mm, OD is 5.5-6.25 mm.)



第二步: 压接金属芯 Second step: Pressed metal core

使用压力钳将正负金属芯分别压接到光伏线缆

The metal core of positive and negative anodes will be pressured welding respectively on the PV cable by crimping tool.



保定易通光伏科技股份有限公司
保定市唐县经济开发区唐王公路 888 号盛琛绿色产业基地
<http://www.yitongsolar.com>

Baoding Yitong PV Science&Technology Co.,Ltd.
Shengchen Green Industry, No. 888, Tangwang road,
Tangxian Economic Development Zone, Baoding
City, HeBei. P. R. China

第三步：将金属芯插入连接器内部

Third step: insert the metal core into inner of connector respectively. (Pay attention to do not

将金属芯正负分别装入正负连接器内部（注意正负不要插反，且安装到位）

Insert the metal core in core inner of connector separately. Note that positive and negative do not plug in the reverse, and install in place.

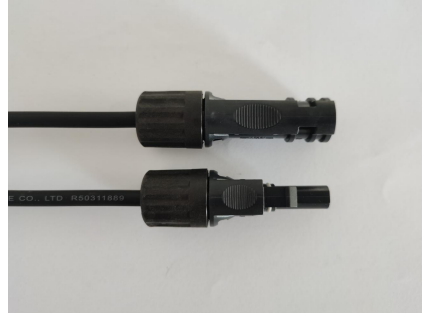


第四步：拧紧连接器螺母

Forth step : Tighten the connector nut.

使用连接器锁紧扳手将连接器拧紧

Tighten the connector with the connector lock wrench

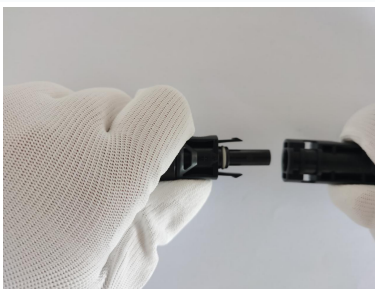


第五步：连接器对插 Fiveth step: Connectors are plugged in

1、对准连接器正、负极

2、连接器正、负极对插到底。

Align the connectors positive and negative. Connector positive, negative pole pair to the end.



第六步：打开连接器 Sixth step Open connector

利用连接器工装插入到连接器保护套内将连接器打开。Use the connector tooling to insert into the connector cover and open the connector.





WARNING

Lists of all known chemicals

分类 Classify	化学品名称 Chemical Name
常用化学品 Commonly used chemicals	黄油 Grease , 润滑油 Lubricate Oil , 防锈剂 Rust inhibitors , 冲压油 Stamping oil, 机油 Engine Oil、天那水 Banana Oil 杀虫剂 WD40, Insecticide, 油性封孔剂 Oily sealing agent 、强氧化性消毒剂 Doduconta B25 Kontaktol、Evabrite S, Virex TB, 餐具清洗剂 Suma Lima L3, Suma Rinse \Detergent 增塑剂 Plasticizer、喷头清洗剂 Spray cleaner 8188、模具清洗剂 8188\CM-31S
脂类 Grease	Molykote EM-50L (Dow Corning)、Molykote PG-641 (Dow Corning)
油类 Oils	Die Cut (OELHELD), MACHINE Oil KV46 (Nippon Oil)、Infeid stamping oil
脱模剂 Mould Release Agent	Pelicoat S-6 (Chukyo-Kasei)
粘合剂 Binder	Chemlok (LORD)
醇类 Alcohols	Isopropyl Alcohol (IPA) 乙丙醇
脂肪族化合物 Fatty hydrocarbons	庚烷 Heptane 、 乙烷 Hexane 环己烷 Cyclohexane 、 液状石蜡 Liquid paraffin
酸碱类 Acid, Alkali , Salt	盐酸 Salt acid 、 硫酸 Sulfuric acid 、 硝酸 Nitric acid 、 磷酸 Phosphoric acid 、 醋酸 Acetic acid 、 氨气\氨水 Ammonia、 氢氧化钠 Sodium hydroxide
族碳化合物 Halogenated hydrocarbon	佛里昂 Freon、 四氯化碳 Carbon tetrachloride、 氧仿/三氧化碳 Trichloromethane、 烷基二甲基氧化胺 Virex 256
酮类 Ketone	丙酮 Acetone、 甲基乙基酮/丁酮 Methyl ethyl ketone
芳香族碳氢化合物 Aromatic Hydrocarbon	甲苯 Toluene、 二甲苯 Xylene、 甲酚 Cresol
其他、有机溶剂 Other, Organic solvent	乙酸乙酯 Etyl acetate、 乙酸丁酯 Butyl acetate 、 磷酸三丁酯 Tributyl Phosphate、 煤油 Kerosene 、 汽油 Gasoline 、 清漆 Varnish 、 酯类 Esters、 醚类 Ethers 、 胺类 Amines 、 冰醋酸 Glacial acetic acid 、 添加剂 Print ink、 稀释剂 3M
粘合密封材料 Adhesion sealant	APF125 (Wacker Chemical) 3M adhesive、 Avancis adhesive
填充材料 Potting Material	KE-200 (ShinEtsu)、 CX-200 (ShinEtsu)