

光伏连接器规格说明书 (PV-HCA30)

PV connector specification (PV-HCA30)

1.简介

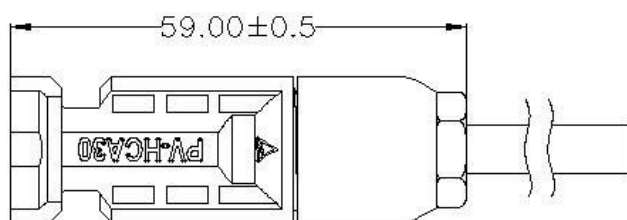
光伏连接器是连接一个系统电路的太阳能电池组件的一部分，起连接组件和引出电流的作用。

1. Introduction

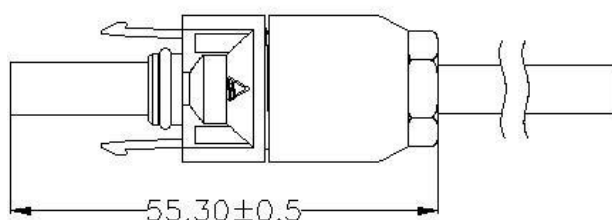
The photovoltaic connector is a part of the solar cell assembly connected to a system circuit, which plays a role in connecting the components and the extraction current.

2.外形尺寸：

2. Outline dimensions



负极连接器
Negative connector



正极连接器
Positive Connector

3.技术参数 Technical parameters

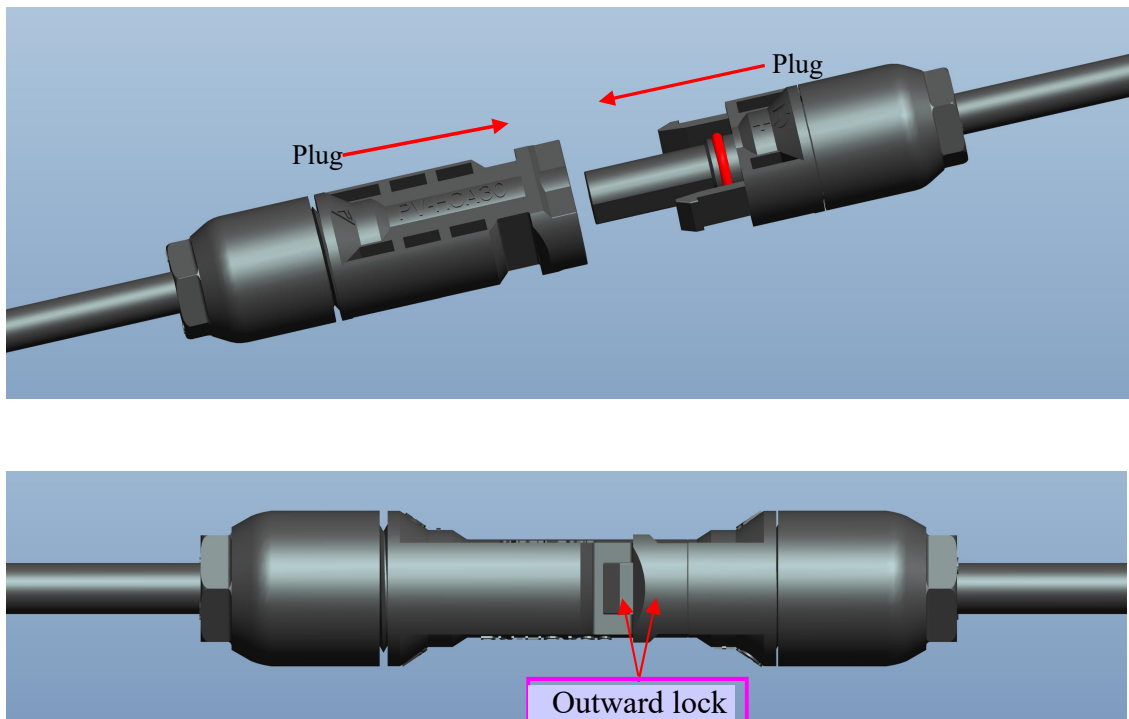
类型: Type	PV-HCA30
线缆规格 Size of Cables:	4 mm ² /12AWG (Ø6.0-Ø6.6mm)
安全等级 Safety Class:	Class II
防护等级 Protection degree:	IP68

额定电流 Rated current :	35A
额定电压 Rated voltage :	1000VDC
温度范围 Temperature range :	-40℃ up to +85℃
燃烧等级 Flammability Class:	V-0/5VA
接触电阻 Contact Resistance:	<0.4mΩ
电气连接 Electrical Connections:	铆接 Rivet
标准 Standard:	IEC62852:2014

4. 使用方法 Method Of Application

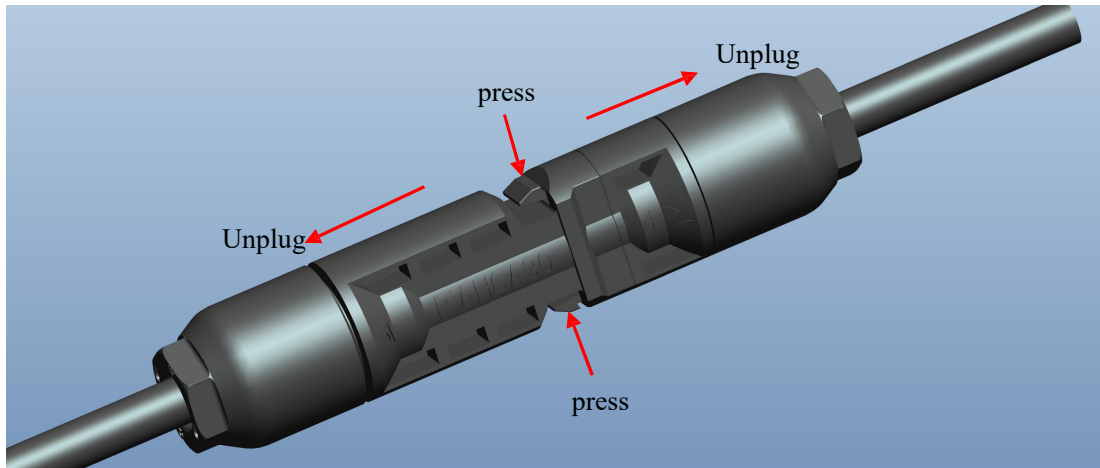
1) 把连接器正极插入连接器负极中。

The positive and negative electrodes along the connector socket is inserted into the lock in place.



2) 按下两个扣位，正负连接器往相反方向拉可打开。

Press the fingers to press the button, the positive and negative pole connector in the opposite direction can be opened.



备注：安装过程中线缆抗拉、抗扭力不违反操作和标准，线缆不得与连接器成90°垂直拉扯，线缆与连接器抗拉力 $>150\text{N}$ 。如果客户使用我公司连接器匹配市场上劣质的连接器、型号不匹配的连接器后出现质量事故，我公司概不负责，谢谢！

Remark: During installation, the cable is tensile and resistant to torque and does not violate operation and standards, The cable cannot be pulled vertically at 90 degrees with the connector, Tensile resistance of cables and connectors $>150\text{N}$. our company will not be responsible for any quality accident if our customers use our connector to match the inferior connectors and mismatched connectors in the market. Thank you!

浙江正泰鑫辉光伏有限公司

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