

SOWELL SOLAR

光伏连接器 PV Connector



WWW.SOWELL-SOLAR.COM



SSPV-x (x=002)

Model: SSPV-002

Rated Voltage: 1500Vdc

Rated Current: 30A

Standard: EN62852: 2015 / IEC62852: 2014

Certificate: TUV SUD B1161110005

**10
YEARS
LIMITED
PRODUCT
WARRANTY**

**25
YEARS
SERVICE
LIFE**

Sowell Solar

Solar PV Connector

SSPV-x (x=002)

型号/Model: SSPV-002

认证/Certificate: TUV and CE

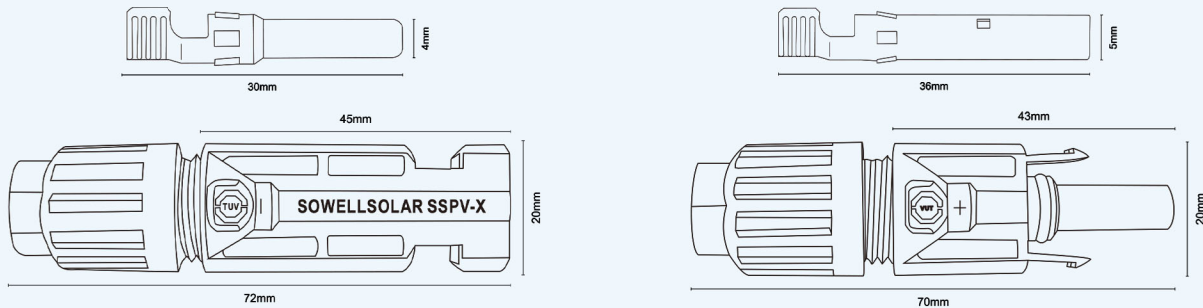
额定电压/Rated Voltage: 1500 VDC



产品应用 Application

- ▶ 本连接器与大部分MC4型的光伏连接器耦合良好。
SSPV-002 is well coupled with most MC4 type solar PV connectors.
- ▶ 仅适用于规定范围的裸铜，镀锡铜，或者TCA导体光伏电缆。
Applicable only to bare copper, tinned copper, or TCA conductor solar cables within the specified range.
- ▶ 本产品使用专用压接工具（A-2546B）安装。
Must be installed with tools (A-2546B).

外形尺寸 External dimensions



主要技术参数 Technical Parameter

产品型号 Model	SSPV-X (X=002)
产品代码 Part No.	PV002
额定电压 Rated Voltage	1500V DC
额定电流 Rated Current	30A
适配电缆 Cable	PV002 for 1.5, 2.5, 4, 6, 10mm ²
安全等级 Safety Class	Class II
防水等级 Degree of protection	IP65 / IP68
适用温度 Ambient temperature range	-40°C~85°C
接触电阻 Contact resistance	<0.05mΩ
阻燃等级 Flammability Class	V-0/5VA
连接方式 Electrical Connections	A-2546B (Crimping)

产品选择表 Product Selection Form

零部件代码 Par No.	电缆规格 Cable Size	电缆外径 Cable OD
PV002-S	1.5mm ² 2.5mm ² 4mm ²	4.0-5.0 mm
PV002	2.5mm ² 4.0mm ² 6mm ²	5.0-7.0 mm
PV002-L	10mm ²	7.0-8.5 mm



Product Service

CERTIFICATE

No. B 116111 0005 Rev. 00

Holder of Certificate: **Zhejiang Sowell Electric Co., Ltd.**

No.688, Siming Mid Rd
Yinzhou District
315000 Ningbo
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Connector
Connectors for Photovoltaic Systems

Model(s):

SSPV-x(x=002), PV002P

Parameters:

Rated Voltage: 1500VDC
Rated Current: 30A
Class(IEC 61140): II
Degree of Protection: IP65/IP68(1m,1h)
Ambient Temperature: -40°C~ +85°C

Tested according to:

IEC 62852:2014
IEC 62852:2014/AMD1:2020
EN 62852:2015/A1:2020

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704072303002-00

Valid until: 2028-07-06

Date, 2023-07-07

(Yaqun Alex Liu)