SOWELL SOLAR

光伏连接器
PV Connector

SSPV-x (x=001)

Model: SSPV-001
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=001)
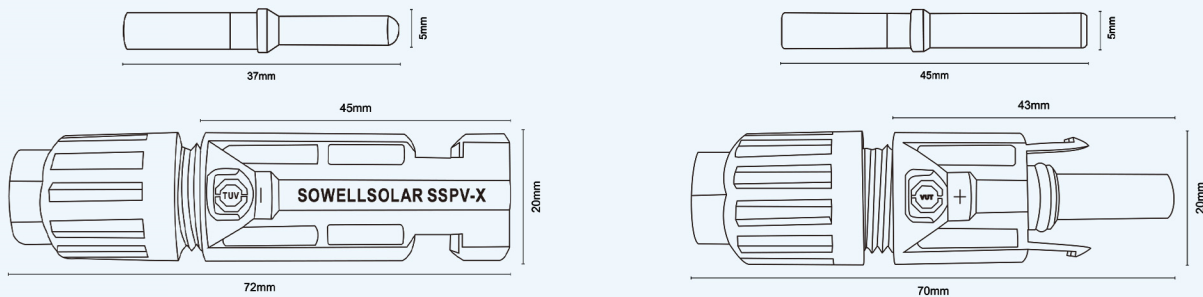
型号/Model: SSPV-001
认证/Certificate: TUV and CE
额定电压/Rated Voltage: 1500 VDC

产品应用 Application

▶本产品获得TUV和CE认证
  TUV and CE certificate
▶本产品必须使用专用压接工具（SST-001）安装
  Must be installed with tools（SST-001）安装
▶本产品可与经过匹配性测试的铜制导电体的光伏连接器互配使用
  can be used with the photovoltaic connectors of copper conductor that has passed the matching test

外形尺寸 External dimensions

主要技术参数 Technical Parameter	
产品型号 Model	SSPV-X（X=001）
产品代码 Part No	SSPV-001-AL6
额定电压 Rated Voltage	1500V DC
额定电流 Rated Current	30A
适配电缆 Cable Type	SSPV-001-AL6 for 6mm2 aluminum alloy cable
安全等级 Safety Class	Class II
防水等级 Waterproof grade	IP67/IP68
适用温度 Ambient temperture range	-40℃～+85℃
接触电阻 Contact resistance	<0.05MΩ
阻燃等级 Flammability Class	V-0/5VA
连接方式 Electrical Connections	专用铆接工具 SSPV-001（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
SSPV-001-AL4	PV1500DC-AL 1×4mm²	5.5-7.0mm
SSPV-001-AL6	PV1500DC-AL 1×6mm²	5.5-7.0mm
SSPV-001-AL10	PV1500DC-AL 1×10mm²	6.5-7.5mm

Product Service

C E R T I F I C A T E

No. B 116111 0003 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

**Copper-aluminum transition Connectors
for photovoltaic systems**

Model(s): **SSPV-x (x=001 for 6mm²)**

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: PPP 58205A:2021

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.:	704072208003-00
Valid until:	2028-01-16

Date, 2023-01-17

(Yaqun Alex Liu)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

TÜV®