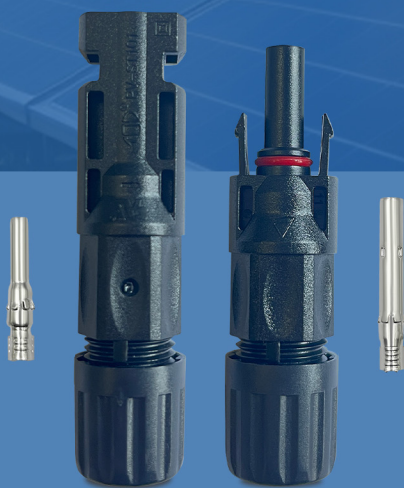


SOWELL SOLAR

光伏连接器 PV Connector



WWW.SOWELL-SOLAR.COM



PV-ST101

Model: PV-ST101

Rated Voltage: 1500Vdc

Rated Current: 22A-30A

Standard: IEC62852:2014/UL6703

Certificate: TUV and UL

**10
YEARS
LIMITED
PRODUCT
WARRANTY**

**25
YEARS
SERVICE
LIFE**

Sowell Solar

Solar PV Connector

PV-ST101

型号/Model: PV-ST101

认证/Certificate: TUV and UL

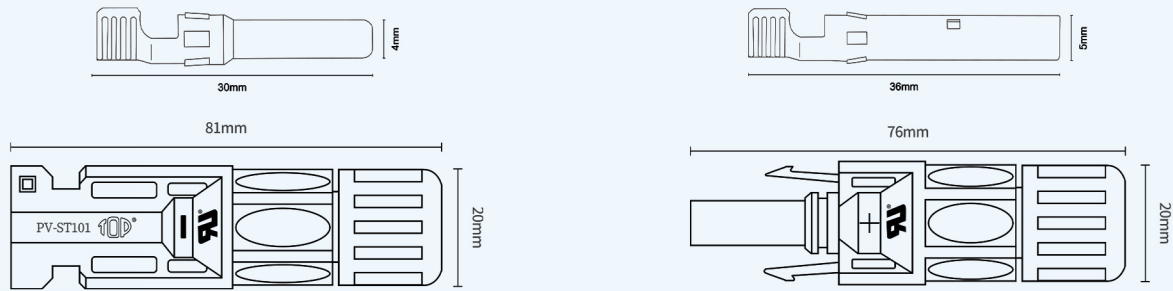
额定电压/Rated Voltage: 1500 VDC



产品特点 Product Features

- ▶ 连接器采用内鼓式冠簧触头，使电气连接牢固。
The connector adopt inner drum type crown spring contact, make electrical connect fastness.
- ▶ 外壳抗老化能力强，抗紫外线能力强，适合户外使用恶劣的环境。
Strong ageing resistance for outer housing, UV resistant ability, suit for using in outdoor
- ▶ 采用牢固的超声波焊接，配合凸端子设计。
Adopt firm ultrasonic welding to match convex terminal design.
- ▶ 电气性能好，接触电阻小于0.35mΩ，发热少，功耗低。
Electrical property well, contact resistance less than 0.35mΩ, less heating and low power consume.

外形尺寸 External dimensions



主要技术参数 Technical Parameter

型号 Type	PV-ST101
额定电压 Rated voltage	1500V
额定电流 Rated current	22A(14AWG) 30A(12AWG) 30A(10AWG)
额定脉冲电压 Rated impulse voltage	16000VAC
连接器接触电阻 Connector contact resistance	<0.35mΩ
连接类型 Connection type	嵌入式
工作温度 Operation temperature	-40℃~85℃
防护等级 Protection class	IP67
安全等级 Safety class	II
阻燃等级 Flame retardance	UL94 V-0
标准 Standard	IEC62852:2014 / UL6703

产品选择表 Product Selection Form

零部件代码 Par No.	导体截面积 Conductor cross section	电缆外径 Cable OD	密封圈 Sealing Ring
G102000015	16AWG	5-6mm	Ø6
G102050025	14AWG, 12AWG, 10AWG	5.6-7.3mm	Ø7.35
G102050026	8AWG	8-8.9mm	Ø8.9