

SOWELL SOLAR

光伏连接器 PV Connector



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PV005

Model: PV005

Rated Voltage: 1000Vdc

Rated Current: 30A

Standard: IEC62852:2014 (1000V DC)

Certificate: CE

**10
YEARS
LIMITED
PRODUCT
WARRANTY**

**25
YEARS
SERVICE
LIFE**

Sowell Solar

Solar PV Connector

PV005

型号/Model: PV005

认证/Certificate: CE

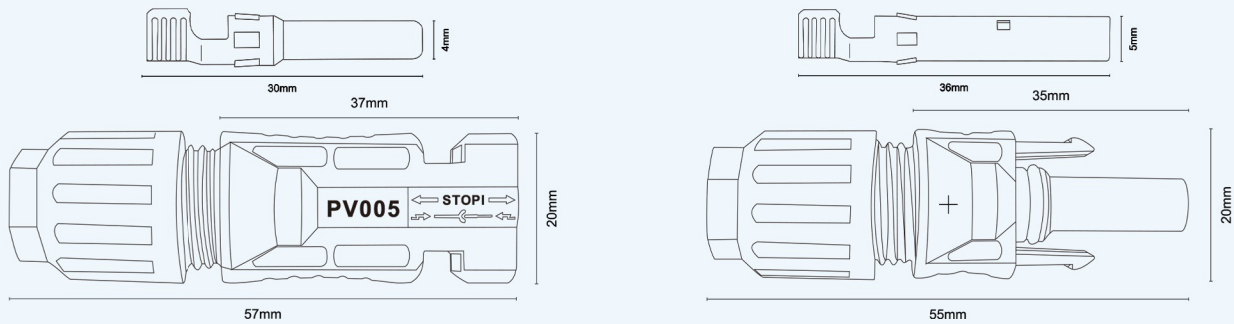
额定电压/Rated Voltage: 1000 VDC



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
- ▶ 电气性能好，接触电阻小于0.25mΩ，发热少，功率低
Electrical property well, contact resistance less than 0.25mΩ, less heating and low power consume.

外形尺寸 External dimensions



主要技术参数 Technical Parameter

型号 Type	PV005
额定电压 Rated voltage	1000V
额定电流 Rated current	30A
耐压 Withstand voltage	6000V
连接器接触电阻 Connector contact resistance	≤0.25mΩ
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
易燃性 Flammability	UL94 V-0
标准 Standard	IEC62852:2014 (1000V DC)

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
1000-PV005	1.5~6mm ²	4.5-7.5 mm
1000-PV005-H25	2.5mm ²	4.5-7.5 mm
1000-PV005-H40	4.0mm ²	4.5-7.5 mm
1000-PV005-H60	6.0mm ²	4.5-7.5 mm