

# PV SOLAR CONNECTOR

Electric conductivity | Fire retardant  
Waterproof and dustproof

TÜV certification



# 6<sup>+</sup> FEATURES & BENEFITS

Precision craftsmanship Safety and reliability



Flame  
Retardant



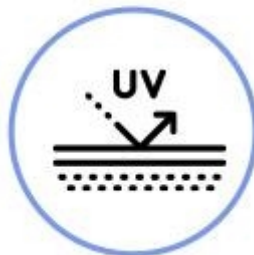
Waterproof and  
dust proof



Tinned copper



High and Low  
Temperature Resistance



Ultraviolet  
Resistant



Quick Docki

# PRODUCT PARAMETER

Contact Customer Service [Learn More](#)

Type	PV005
Conductor Material	Tinned Copper
Insulating Material	PV40Z
Rated Current	30A
Rated Voltage	1500V DC
Temperature Range	-40~+85°C
Contact Resistance	≤ 0.5mΩ
Protection Degree	IP65/IP68
Flame Class	UL94-V0
Cable Cross Section Area	2.5mm <sup>2</sup> /4mm <sup>2</sup> /6mm <sup>2</sup>
Standard	IEC 62852 : 2014

Solid and Durable

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# Solid and Durable Casing Flame Retardant



Combustion test, off the fire automatically extinguished, not flammable.



Thickened copper

# High Current Carrying

The conductor is made of thickened purple copper with galvanised surface, high current carrying capacity and low resistance.



Tinned Surface

Not easily oxidised



Thickened purple copper

Pure copper with excellent conductivity

Waterproofing

# IP65/IP68 Water Resistant

1500V

Passed strict testing, multiple waterproof design



**Seal protection**  
Multiple seal design



**IP65/IP68 Water Resistant**  
Passed rigorous tests

1500VDC  
30A  
-40°C to +85°C  
100°C  
IP65/IP68 (1m, 1h)  
1x4, 0mm<sup>2</sup>

# PRODUCT PACKAGING

Product packaging diversity reference, can be customized according to demand boxes, bags, hanging cards, etc. packages.



**Pouch Packaging**



**Card Packaging**

# CERTIFICATES

Complete qualification,  
TüV, IEC, CQC, CE, RoHS certificates.

