

Product show of connector

TYPE : PV-JK03M

ISO9001:2008、ISO14001:2004、OHSAS18001
certified factory.

TUV Rheinland, UL certified products

* 1500V Available

Model of PV Connector: PV-JK03M



Front



Back

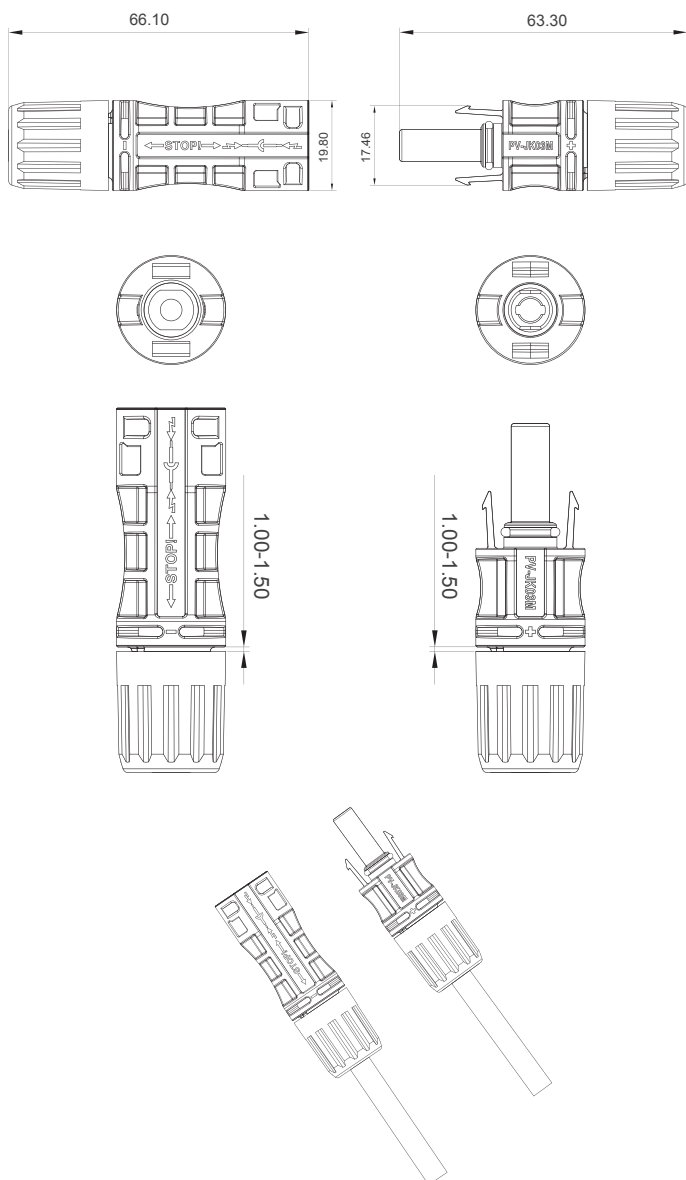


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Front

Engineering Drawing



Technical Parameters

Electrical Characteristics	
Rated Voltage	1000VDC Or 1500VDC(TUV)
Rated Impulse Voltage	12000V Or 16000V
Rated Insulation Voltage	6000V Or 8000V
Rated Current (IEC 90℃)	30A (TUV)
Contact Resistance	<0.5 mΩ
Test Voltage	6KV Or 8KV (50Hz,1min)
Protection Class	Class II
Overvoltage Category	CAT III
Pollution Degree	2
Mechanical Characteristics	
Dimensions Female	63.30mm*17.46mm
Dimensions Male	66.10mm*19.80mm
IP Rating	IP68 (1m, 2h)
Conductor Material	Copper,tin plated
Cable Type	4mm2,6mm2
Insulation Material	PPE + PA
Bendings Radius	≥ 4 * Cable OD
Termination and Connection	Crimped Connection
Other Characteristics	
Ambient Temperature	From -40℃ to +85℃
Upper limit Temperature	100℃
Flame Class	UL94 V-0(TUV)
Reference Standard	IEC 62852:2014
Operating Cycles	100
Values for Cable Clamp	5.7mm to 7.2mm
Wire cross section area or cross section range	1*4.0mm2,1*6.0mm2