Solar Cable Connector

PV-BN101A Solar Connector



IEC 1500V
UL 1500V

UL: 6703
IEC: 62852

-40℃~85℃

UL94-V0

IP 68

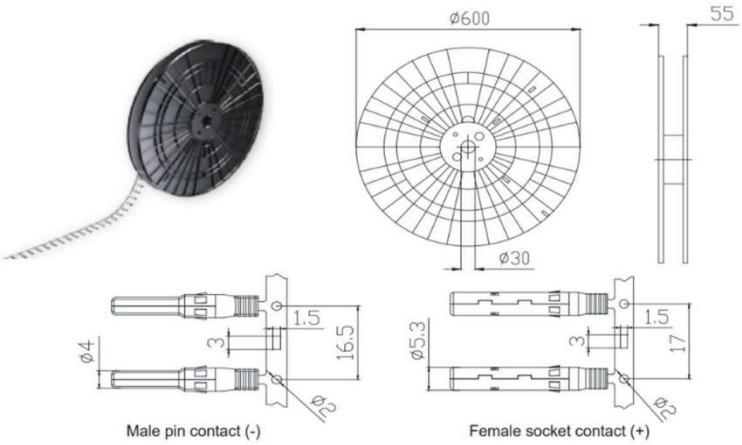
UV Resistance

Product Overview

PV- BN101A connectors use high quality materials that guarantee long-term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. PV- BN101A connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 85°C.

Technical Data

Rated Voltage	IEC 1500V\UL1500V
Certification	IEC 62852; UL 6703
Rated Current	30A
Ambient temperature	-40℃ up to +85℃
Contact Resistance	≤0.25mΩ
Pollution Degree	Class II
Protection Degree	Class II
Fire Resistance	UL94-V0
Rated Impulse Voltage	16KV
Locking System	NEC Locking Type

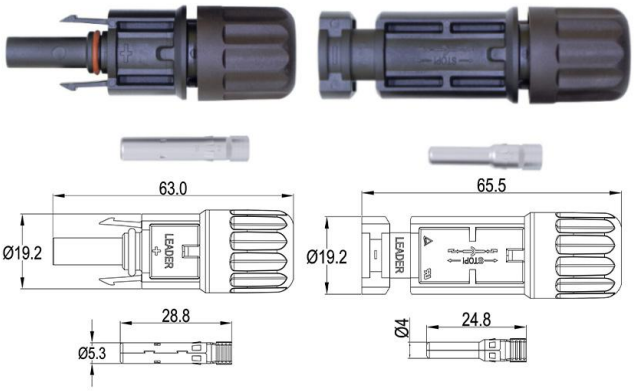


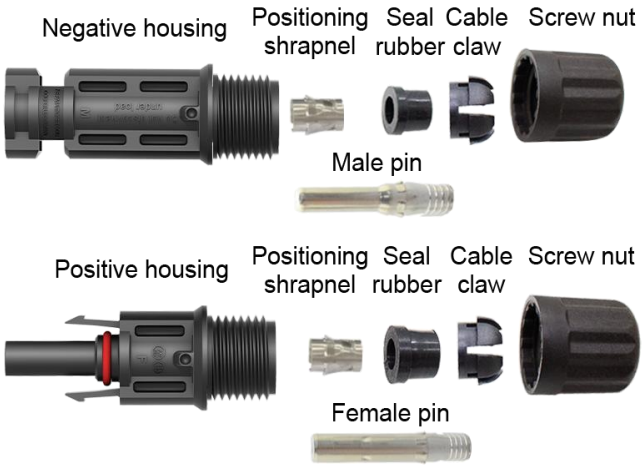
Order Data

Part No.	Cable OD Range/ mm	Cable Cross Section	Standard Package Unit	Description
PV-BN101A-F1	4.7mm~6.0mm	2.5mm²/4mm² 14AWG/12AWG	500 pairs / Carton	Full Pairs
PV-BN101A-F1-MH			500 pcs / package	F2 Male Housing
PV-BN101A-F1-FH			500 pcs / package	F2 Female Housing
PV-BN101A-MT			500 pcs / package or 2500 pcs / Reel	Male terminal
PV-BN101A-FT			500 pcs / package or 2500 pcs / Reel	Female terminal
PV-BN101A-F2	5.6mm~6.9mm	4mm²/6mm² 12AWG/10AWG	500 pairs / Carton	Full Pairs
PV-BN101A-F2-MH			500 pcs / package	F2 Male Housing
PV-BN101A-F2-FH			500 pcs / package	F2 Female Housing
PV-BN101A-MT			500 pcs / package or 2500 pcs / Reel	Male terminal
PV-BN101A-FT			500 pcs / package or 2500 pcs / Reel	Female terminal

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How to Order solar cable connector (please choose one code per position, below)

SCC-	X_	X	X	X		

SCC	Cable Cross Section	Cable OD	Terminals Package	MPQ Housing Package	Variations
Solar Cable Connector	☐ 2.5m²(14Awg)	☐ **F1**: 4.7~6 .0mm	☐ **R**：Roll	☐ 500 pairs/package	☐ _____
	☐ 4-6mm²(12Awg- 10AWG)	☐ **F2**: 5.6~6 .9mm	☐ **P**：Bulk	☐ 50 pairs/package	
	☐ 10mm²(8Awg)	☐ **F6**: 6.9~8 .5mm	☐ _____	☐ 5 pairs/package	
	☐ _____	☐ _____		☐ 1 pairs/package	
				☐ _____	

* **Customized options available, for more information, please contact LEADER GROUP sales team: info@leadergroup-cn.com**

Example:

SCC-6mm-F2-B-500 means the Solar cable connector will match 6mm² cable with 5.6~6.9 OD. The terminals will be packaged with plastic housing together. 500 plastic housing will be packaged in one p ackage.

Standard Package Info:



Carton Dimension (cm)	Pack list	QTY	Gross Weight (kg)
59cm X 39cm X 20cm	Male Housing	500 pcs	15kg
	Female Housing	500 pcs	
	Male terminal	500 pcs	
	Female terminal	500 pcs	
Remark: **500 pairs in one carton package**			