

PV-BN101B Solar Connector



Positive Connector



Negative Connector



IEC 1500V
UL 1500V



UL: 6703
IEC: 62852



-40°C~90°C



UL94-V0



IP 68



UV Resistance

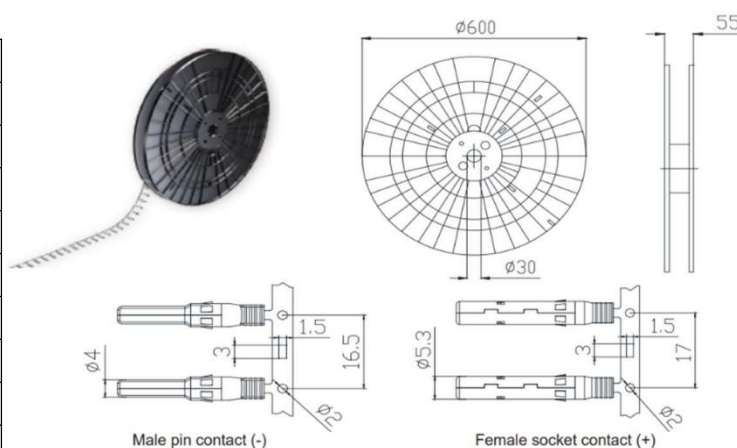


Product Overview

PV-BN101B connectors use high quality materials that guarantee long-term reliability. Lower contact resistance and higher current transfer capability ensure high product efficiency. PV-BN101B connectors have IP68 water-proof rating and can be used in a wide operating temperature range from -40 °C to 90 °C.

Technical Data

Rated Voltage	IEC 1500V\UL1500V
Certification	IEC 62852; UL 6703
Rated Current	35A/40A/45A
Ambient temperature	-40°C up to +90°C
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

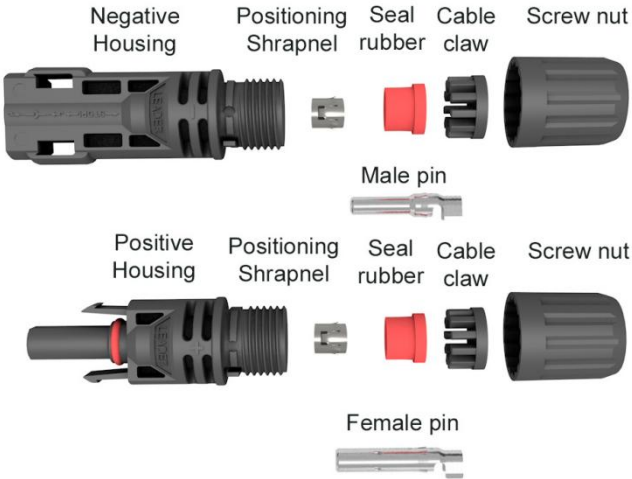
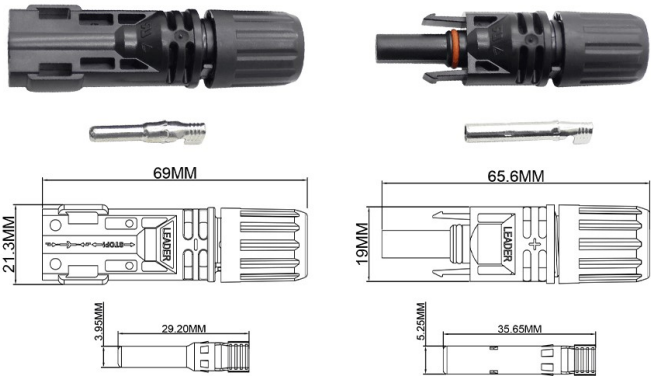


Order Data

Part No.	Cable OD Range/mm	Cable Cross Section	Standard Package Unit	Description
PV-BN101B-F1	4.7mm~6.0mm	2.5mm ² /4mm ² 14AWG/12AWG	500 pairs / Carton	Full Pairs
PV-BN101B-F1-MH			500 pcs / package	F2 Male Housing
PV-BN101B-F1-FH			500 pcs / package	F2 Female Housing
PV-BN101B-MT			500 pcs / package or 2500 pcs / Reel	Male terminal
PV-BN101B-FT			500 pcs / package or 2500 pcs / Reel	Female terminal
PV-BN101B-F2	5.6mm~6.9mm	4mm ² /6mm ² 12AWG/10AWG	500 pairs / Carton	Full Pairs
PV-BN101B-F2-MH			500 pcs / package	F2 Male Housing
PV-BN101B-F2-FH			500 pcs / package	F2 Female Housing
PV-BN101B-MT			500 pcs / package or 2500 pcs / Reel	Male terminal
PV-BN101B-FT			500 pcs / package or 2500 pcs / Reel	Female terminal
PV-BN101B-F6	6.9mm~8.7mm	10mm ² 8AWG	500 pairs / Carton	Full Pairs
PV-BN101B-F6-MH			500 pcs / package	F6 Male Housing
PV-BN101B-F6-FH			500 pcs / package	F6 Female Housing
PV-BN101B-MT			500 pcs / package or 2500 pcs / Reel	Male terminal
PV-BN101B-FT			500 pcs / package or 2500 pcs / Reel	Female terminal



PV-BN101B Solar Connector



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

SCC-	X-	X	X	X	
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SCC	Cable Cross Section	Cable OD	Terminals Package	MPQ Housing Package	Variations
Solar Cable Connector	☐ 2.5mm ² (14Awg)	☐ F1 : 4.7~6.0mm	☐ R : Roll	☐ 500 pairs/package	☐ _____
	☐ 4-6mm ² (12Awg-10AWG)	☐ F2 : 5.6~6.9mm	☐ P : Bulk	☐ 50 pairs/package	
	☐ 10mm ² (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 package.

Standard Package Info:



Carton Dimension (cm)	Pack list	QTY	Gross Weight (kg)
45cm X 35cm X 25cm	Male Housing	500 pcs	15.4kgS
	Female Housing	500 pcs	
	Male terminal	500 pcs	
	Female terminal	500 pcs	
Remark:500 pairs in one carton package			

