

KST®



SOLAR PV CONNECTORS

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APPLICATION FIELD

PV Cables • Connectors • Junction Boxes

- ① For BIPV/GIPV/BAPV, Thin Film Panel, **Double Glass Panel**, **Bifacial Panel**...etc.
- ② For Poly/Mono-Si, CIS/CIGS, A-Si, Micron-Si, Hybrid...etc. Panel & Solar Power System.
- ③ EV(Electric Vehicle) / HEV(Hybrid Electrical Vehicle)

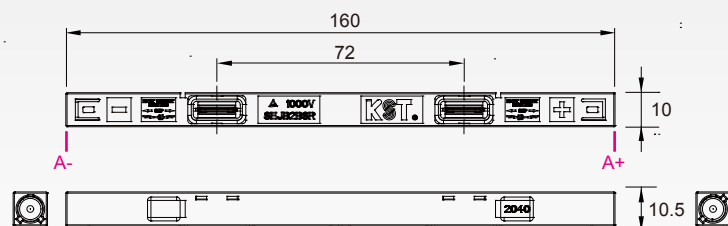
NEW



JUNCTION BOX

Side-Edge Junction Box (Normal Type)

SEJB2BSR SERIES

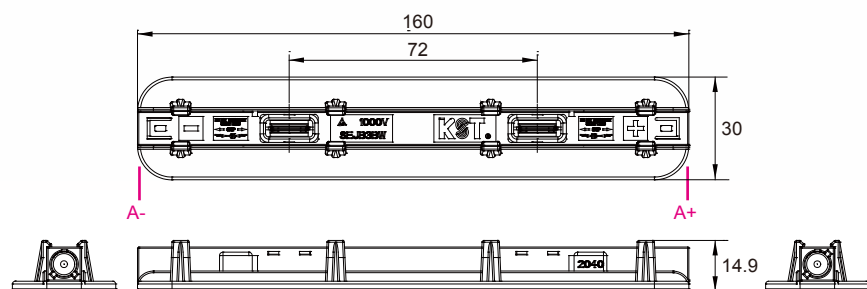


Model Name	TUV Cert.	J.B. Rated Current (Isc)	Diode Spec.
SEJB2BSR		12A	20A / 45V
SEJB2BSR-1005		6A	7.5A / 1000V
SEJB2BSR-1008		8A	10A / 1000V
SEJB2BSR-2040		20A	25A / 45V

High Rated Current suitable for Bifacial Panel.

Side-Edge Junction Box (Wing Type)

SEJB3BW SERIES



Model Name	TUV Cert.	J.B. Rated Current (Isc)	Diode Spec.
SEJB3BW		12A	20A / 45V
SEJB3BW-1005		6A	7.5A / 1000V
SEJB3BW-1008		8A	10A / 1000V
SEJB3BW-2040		20A	25A / 45V

High Rated Current suitable for Bifacial Panel.

STRUCTURE

Number of terminals	2
Type of cable	PV WIRE (UL / TUV APPROVED)
Cable size	2.5mm ² / 4mm ²
Connection method	Clamping

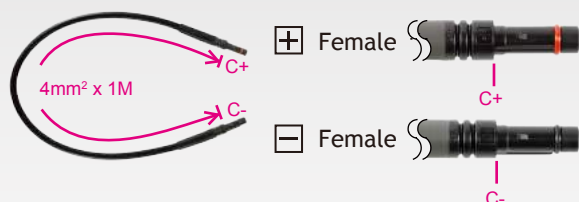
BOX SPECIFICATIONS

Test standard	Reference standard	IEC 62790:2014 + Amd.1:2020 EN 62790:2015 + Amd.1:2020
	Reverse Current	25A
	Rated Voltage	1000V/600V (TUV/UL)
Box performance	Flammability	UL94-5VA
	Protection degree	IP68
Others	Waterproofing structure	Silicon Rubber sealing
	Temperature range	-40°C~+85°C (+105°C upper limit Temperature)

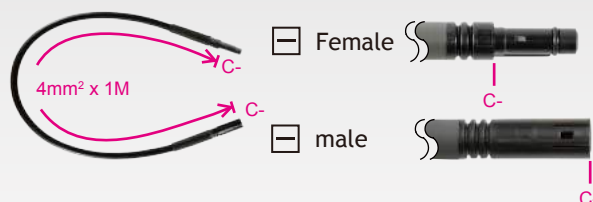
WIRE SET / PV CABLE SET

Wire Set

SEJB2-PFNFWS-4C1



SEJB2-NFMWS-4C1

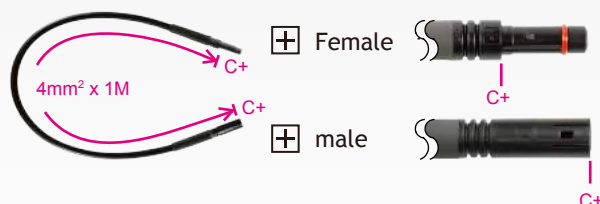


SEJB2BSR



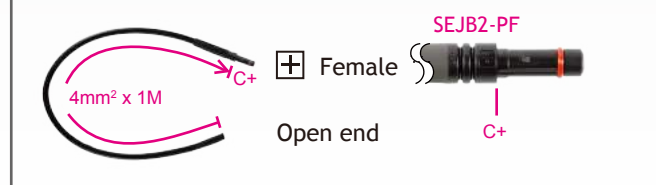
SEJB2-DPR

SEJB2-PFMWS-4C1

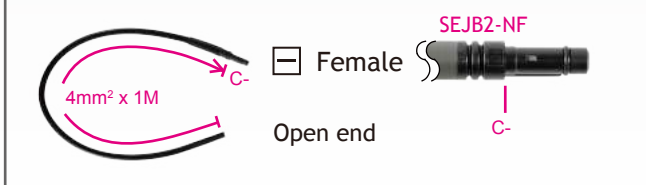


PV Cable Set

SEJB2-PFOWS-4C1



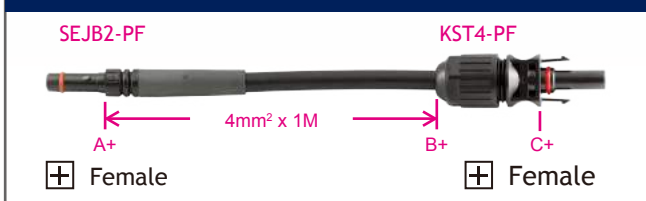
SEJB2-NFOWS-4C1



SEJB2-NFKST4MWS-4C1



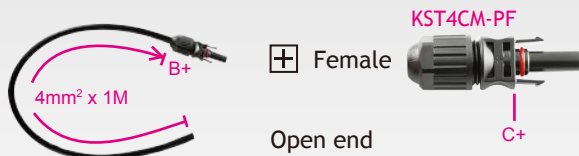
SEJB2-PFKST4FWS-4C1



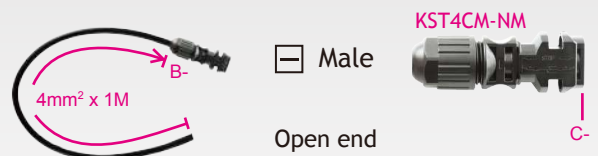
© A+, A-, B+, B-, C+, C- : Junction Box & connector contact surface.

PV CONNECTORS

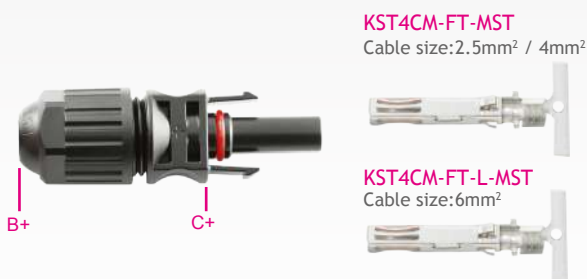
KST4CM-PFOWS-4C1



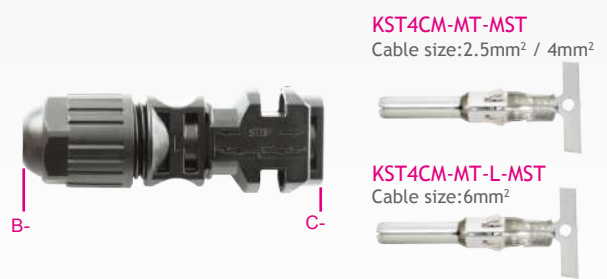
KST4CM-NMOWS-4C1



KST4CM-PF



KST4CM-NM

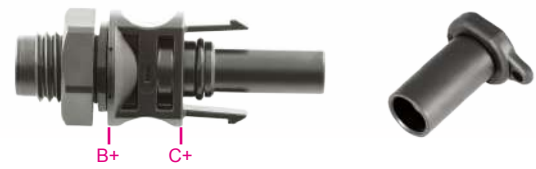


• Inverter Connector (on board connetor)

KST4CMB-PM / KST4CM-MD



KST4CMB-NF / KST4CM-FD



STRUCTURE

Type of cable

Cable size

Connection method

PV WIRE (UL / TUV APPROVED)

2.5mm² / 4mm² / 6mm²

Clamping

BOX SPECIFICATIONS

Test standard

Reference standard

Connector performance

Reverse Current

Rated Voltage

Flammability

Protection degree

Others

Waterproofing structure

Temperature range

IEC 62852:2014 + Amd.1:2020

EN 62852:2015 + Amd.1:2020

2.5mm² : 25A / 4mm² : 30A / 6mm² : 43A

1000V/600V (TUV/UL)

UL94-5VA

IP68

Silicon Rubber sealing

-40°C~+85°C (+105°C upper limit Temperature)

© A+, A-, B+, B-, C+, C- : Junction Box & connector contact surface.



Web



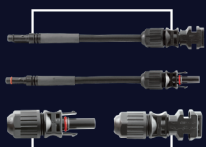
e-Catalog

11210



MC4 Connectors, Junction Boxes

KST's Junction Boxes, MC4 Connectors, Wire sets and PV Cable Sets play a vital role in revolutionary solar applications, including Building Integrated PV (BIPV), Greenhouse Integrated PV (GIPV), Building Applied PV (BAPV), and various Solar Panel types.



Wire sets, PV Cable Sets

These innovative solar solutions seamlessly integrate solar panels into architectural and agricultural designs, harnessing renewable energy while enhancing aesthetics and functionality.