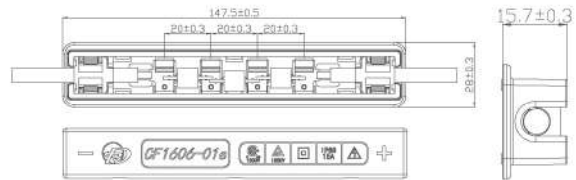


STANDARD PV JUNCTION BOX

CF1606-01

FEATURE HIGHLIGHTS

- Special design for electric connection on bifacial cells module and BIPV module
- Minimized box body and side wiring avoid any shadings on cells
- Customized cable length to meet the wiring request and avoid shadings
- Up to 1500V system voltage with new IEC62790:2014
- IP 68 protection



PRODUCT CERTIFICATES

UL 3703: CSA
IEC 62790: 2014 / TUV



TECHNICAL SPECIFICATION

Part No.	CF1606-01
Ambient Temperature Range	-40 C to 85 C
Storage Temperature Range	-40 C to 85 C
Cooling Method	Potting
Dimensions (mm)	See the drawing
Degree of protection	IP68
Contact Material	Copper, T2 Tin-plated, H62
Insulation Material	Cover : PPE+PS Body : PA
Flame class	UL94 5VB
Diode Type	3045
Number of Bypass Diodes	3
Number of Bus Ribbons	4
Connection of Bus Ribbons	Soldering / Welding
Diode Junction Temp Max Under Forward Current	200 C
Current Rating	15 A
Max Reverse Current	30 A
Rated String Voltage	1500 V IEC 1500 V UL
Max Withstand Voltage	16 kV
Cabling Type	H1Z2Z2-K / PV Wire
Cable Length	600 m / Customized
Connector	PV2e / Customized
Wire Cross Section	1x4.0 mm ² , 12 AWG
Outer Cable Diameter	6.4±0.2 mm
Approvals	TUV / CSA