

STANDARD PV JUNCTION BOX

CF1108-03gb

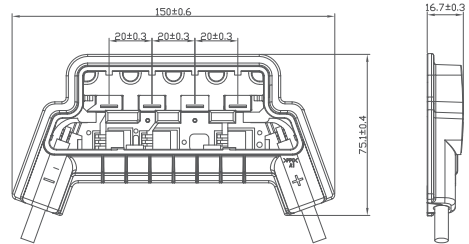
FEATURE HIGHLIGHTS

- Friends Star product with total 15 GW shipment since launched in 2012
- Angled cable connection prevents stress damage
Innovation introduced with Surface Mounting Diodes
- Solution for cost effectiveness and top performance
- Up to 1500V system voltage
- IP 68 protection



PRODUCT CERTIFICATES

UL 3730: CSA / UL
IEC 62790: 2014 / TUV



TECHNICAL SPECIFICATION

Part No.	CF1108-03gb
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	PPE + PS / PA
Flame class	UL94 V-0
TUV Certified	B170599272001
CSA Certified	70025616
Diode Type	1640/3045
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	1500V IEC 1500V UL
Max Withstand Voltage	16 KV
Cabling Type	PVH1Z2A2-K / PV Wire
Cable Length	1.0 m / Customized
Connector	PV2e / PV3e / PV5e / Customized
Wire Cross Section	1×4.0 mm ² ; 12 AWG
Outer Cable Diameter	6.4±0.2 mm
Approvals	TUV / CSA