## **SOLAR DCDB**

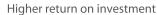
(1KWp - 50KWp)



Thanks to Compact Design, Efficiency, Safety & Reliability Solar DCDB brings Solar PV Installations to the next level.



**M %** 





Flexible

Easy to service

Easy to Install for all Imaginable Situations

World Class Quality with Best Industry Price

Reliable in Extreme Conditions

**Energy Efficiency** 





**TYPE** CAPACITY Domestic 1-10KWp Utility 5-50KWp

























## Plug & Play Solution for Rooftop Solar PV Installations



## **SOLAR DCDB**

(1KWp - 50KWp)

**GD107** 

**GD108** 

- MODELS	GD101	GD102	GD103	<b>GD104</b>	<b>GD105</b>	<b>GD106</b>
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Rated Voltage Integrated 1000 VDC Integrated

Rated Insulation Voltage 1000 VDC

**INPUT** 

No of DC Inputs 2 - 12

+Ve Inputs 15A (10x38) gPV Fuse

-Ve Inputs Fused - Fused - Fused -

Reverse Protection Yes\*

Max Current in Isc 15A

Max Current in Imp 10A

Conductor Size, mm<sup>2</sup> 4-6 mm<sup>2</sup>

Conductor Size, mm<sup>2</sup>

Cable Entry

Gland/MC4 Connectors\*

OUTPUT

No of DC Outputs 1-12

DC Isolation Non-Isolated Non-Isolated Non-Isolated

Max Current in A 16...32A Conductor Size, mm²////////// 4-6 mm²

Cable Clamping Area 4-9mm

Cable Entry Gland/MC4 Connectors\*

**PROTECTIONS** 

DC Overvoltage Protection SPD, Type-2, 40kA, Y MOV, Type-2, 10kA, Y

Grounding Connection Direct connection to SPD max. 16mm<sup>2</sup> Connected to grounding-clamp up to 16mm<sup>2</sup>

Cable Entry (6-13)mm, Polyamide Gland

GENERAL

Ingress Protection IP65/66

Enclosure Type PC, Transparent Cover

Structure mounting Yes

Humidity 100% Non-condensing

Operating conditions Temp (-20 to +60)°C

Type of Protections Short Circuit, Overload, Reverse Power\* & Over Voltage\*

Rated Imp. withstand Voltage 8KV DC

Electrical Insulation Totally Insulated

UV Resistance Yes

Compliance standards UTE C 15-712-1, IEC61439-2, 60364, 60947-3, 60364-7-712, 61439-1, UL 98A

Design Life 25 Years +

\* Tailor Made Products are available

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