















# Solar DCDB

( 1 KWp - 6 KWp )



We Develop Innovate, Connected Technologies for Safety Reliability, Sustainability To Stabilize The Network & Increase The Uptime.

## Features

-  IP 65/66 Protected ( PC Enclosure )
-  Short Circuit & Overload Protected
-  Over Voltage Protected (Y-PV)
-  No Air Condensation
-  Tinned Cu Wired With FBXL - XLPO insulation & UV resistant
-  Tested Wire Harnessing to Ensure High Conductivity
-  Flexible
-  Easy to Install & Service
-  Higher Return on Investment
-  World Class Quality With Best Industry Price
-  Reliable in Extreme Conditions
-  Plug & Play Solution for Rooftop Solar PV Installations
-  Designed for 25 Years Life Time
-  Suitable for all Grid Tie Inverter



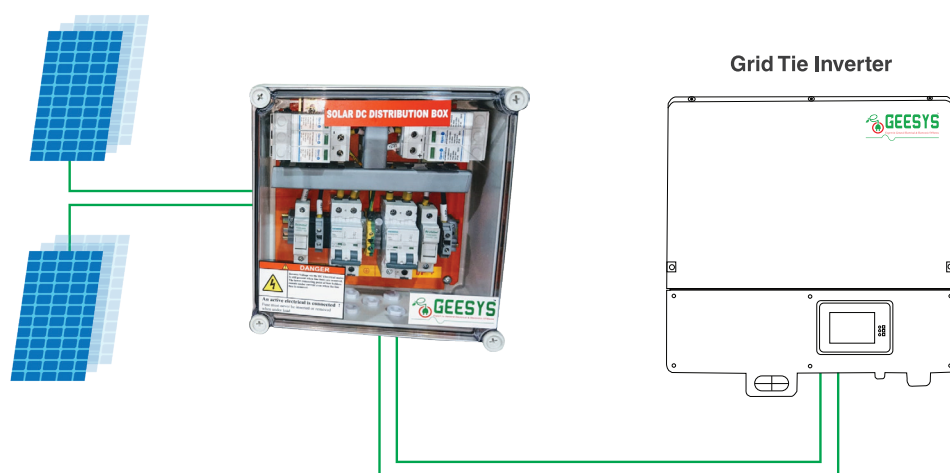
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### Technical Specifications

Models	GD51	GD52	GD53	GD54	GD55	GD56	GD57	GD58
Rated Voltage	500 VDC							
Rated Insulation Voltage	2.5 KV							
Input								
No of DC Inputs	1 - 6							
+Ve Inputs	15A (10x38) gPV Fuse							
-Ve Inputs	Fused		Fused		Fused		Fused	
Reverse Protection	Yes*							
Max Current in Isc	15A							
Max Current in Imp	10A							
Conductor Size, mm²	4-6 mm²							
Cable Entry	Gland/MC4 Connectors*							
Output								
No of DC Outputs	1 - 6							
DC Isolation	Isolated	Non-Isolated			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. 16mm²				Connected to Grounding-Clamp up to 16mm²			
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. with Stand Voltage	4KV 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 +							

\*Arc Fault Protection to Prevent Major Fire Accident at Your Power Plant.



Source of Complete Solar BoS Components

\*Tailor Made Products are available

Due to constant product modifications, GEESYS Technologies have the rights to amend the above information / Specification without prior notice.

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