















Solar String Combiner Box

(50 KWp - 250 KWp)



Unmatched Protection and Control for Solar PV Installations.

Features

-  IP 65/66 Protected
-  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
-  Easy to Install & Service
-  Energy Efficiency
-  Designed for Reliability & Safety
-  Higher Return on Investment
-  Increase Uptime
-  Reliable in Extreme Conditions
-  Stabilizer Your Network
-  Designed for 25 Years Life Time



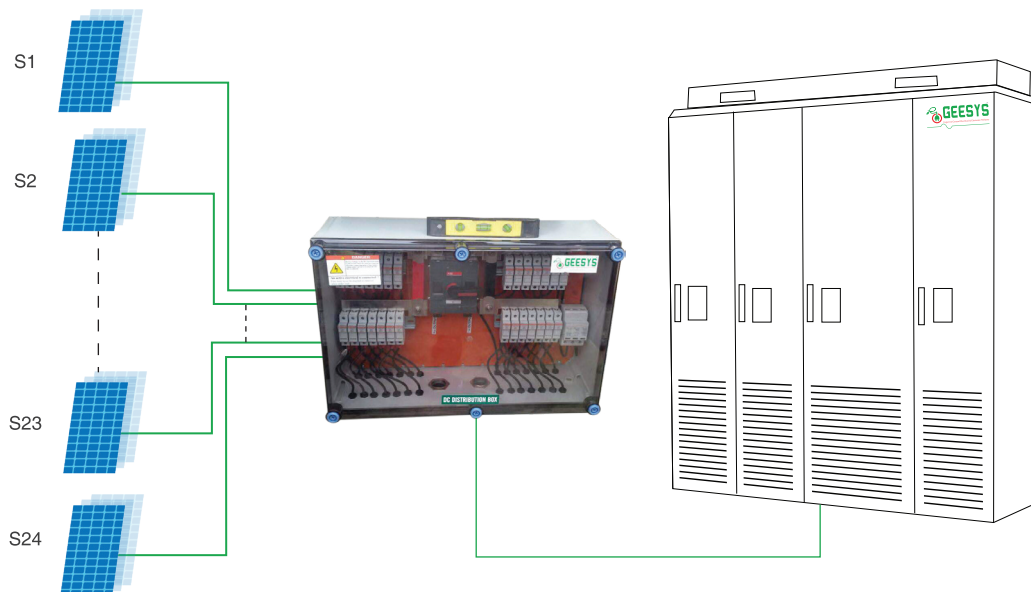
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Technical Specifications

Models	OD101	OD102	OD103	OD104	OD105	OD106	OD107	OD108
Rated Voltage	Integrated		1000 VDC				Integrated	
Rated Insulation Voltage	4 KV							
Input								
No of DC Inputs	2 - 32							
+Ve Inputs	15/30A (10x38) gPV Fuse							
-Ve Inputs	Fused		Fused		Fused		Fused	
Max Current in Isc	15 / 30A							
Max Current in Imp	10 / 20A							
Conductor Size, mm ²	4-6 mm ²							
Cable Entry	MC4 Connectors							
Output								
No of DC Outputs	1							
DC Isolation	Isolated	Non-Isolated			Isolated		Non-Isolated	
Max Current in A	25...400A							
Conductor Size, mm ²	1.2 x Max. Current, Tinned Copper Bus							
Cable Clamping Area	16 - 28mm							
Cable Entry	Polyamide/Metal Glands							
Protections								
DC Overvoltage Protection	SPD, Type-2, 40kA, Y				MOV, Type-2, 10kA, Y			
Grounding Connection	Direct Connection to SPD max. 16mm ²				Connected to Grounding-Clamp up to 16mm ²			
Cable Entry	(6-13)mm, Polyamide Gland							
General								
Ingress Protection	IP65 / 66							
Enclosure Type	PC/FRP, Transparent Cover*							
Structure Mounting	Yes							
Bus Bar	Tinned Copper Bus*							
Operating Conditions	Temp ° -20 to +60°C; RH : 0-95% Non-Condensing							
Type of Protections	Short Circuit, Overload & Over Voltage*							
Rated Imp. with Stand 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 +							

*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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