

Solar DCDB

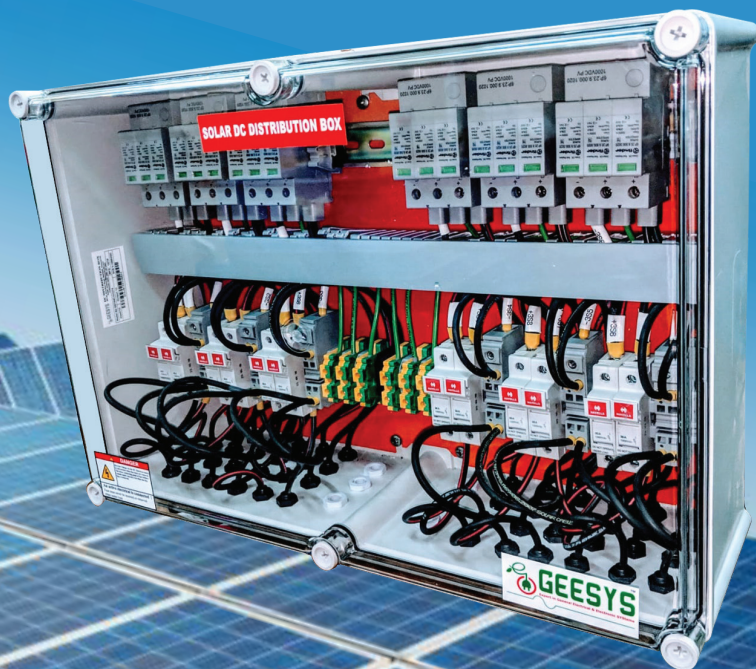
(10 KWp - 120 KWp)



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

Features

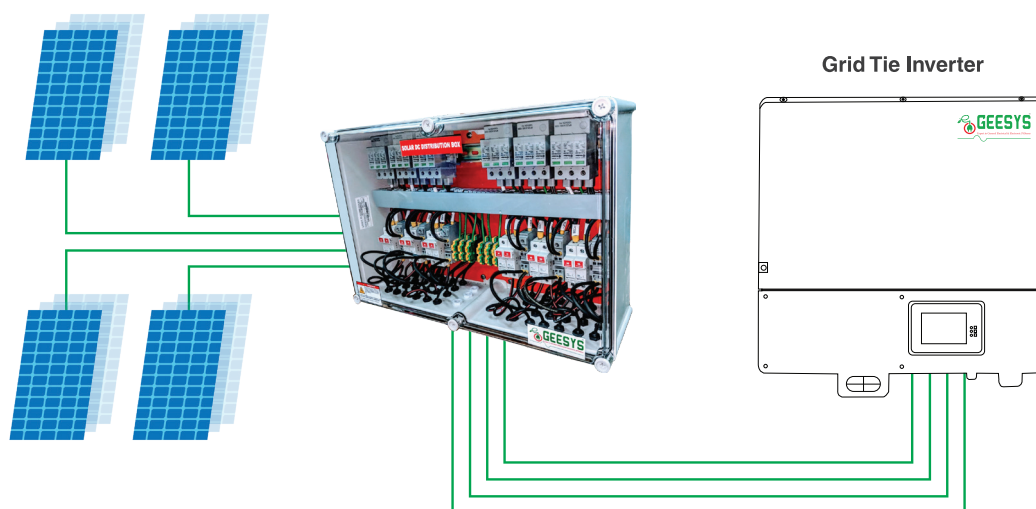
- ☂ IP 65/66 Protected (PC Enclosure)
- ⚡ Short Circuit & Overload Protected
- ⚡ Over Voltage Protected (Y-PV)
- 🕒 No Air Condensation
- 🔌 Cu Wired with FR Insulation
- 🔌 Tested Wire Harnessing to Ensure High Conductivity
- 💰 Flexible
- ⬇️ Easy to Install & Service
- 📈 Higher Return on Investment
- 👍 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



Technical Specifications

| Models | GD101 | GD102 | GD103 | GD104 | GD105 | GD106 | GD107 | GD108 |
|-------------------------------|--|--------------|----------|-------|--|-------|--------------|-------|
| Rated Voltage | Integrated | | 1000 VDC | | | | Integrated | |
| Rated Insulation Voltage | 4 KV | | | | | | | |
| Input | | | | | | | | |
| No of DC Inputs | 2 - 12 | | | | | | | |
| +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 | 1-12 | | | | | | | |
| 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 | 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.