

Rooftop DC Junction Box for SolarEdge Systems

For commercial & residential SolarEdge systems

SKU: ACSW-DCJB-V2

ID: 1416



SPECIFICATION SHEET

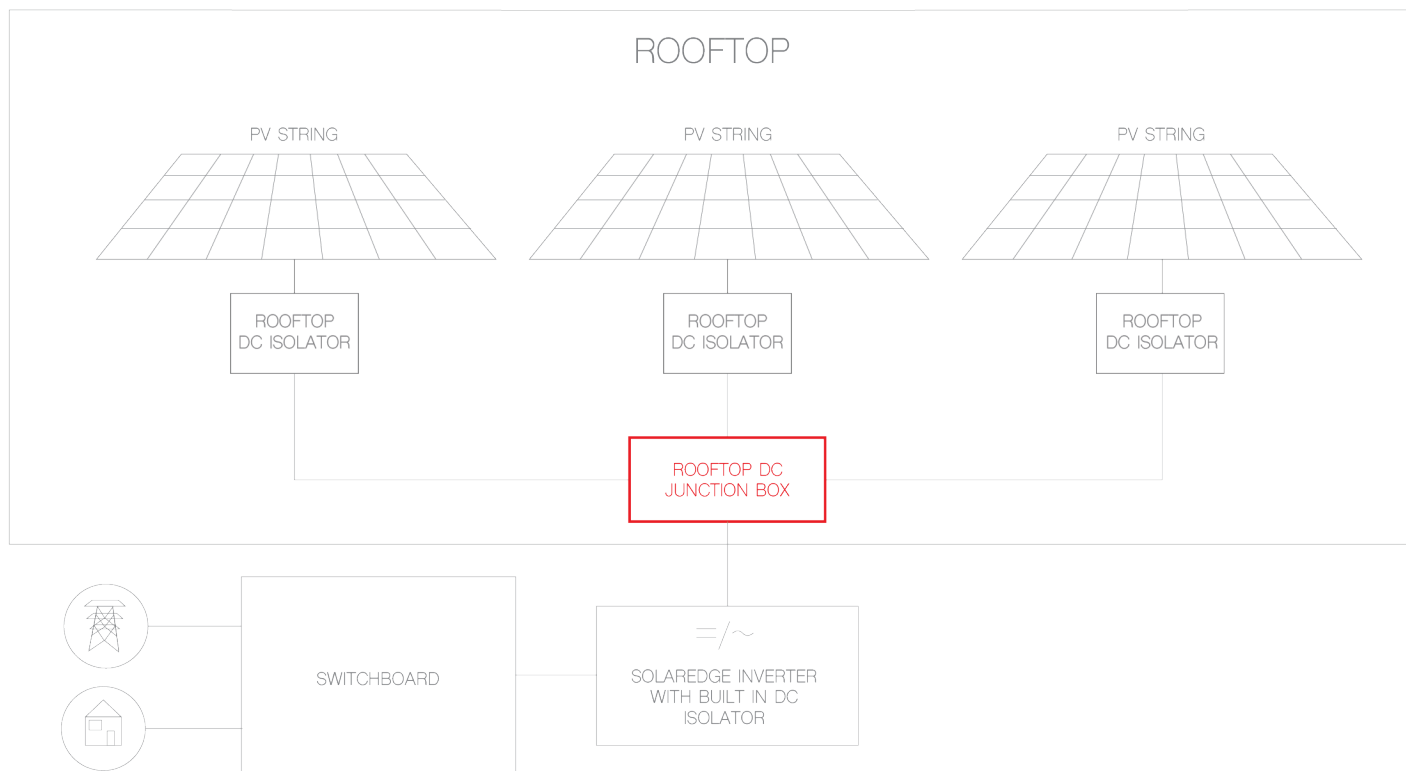
Commercial & residential solar systems made easy

The Rooftop DC Junction box for SolarEdge systems is a pre-assembled weather-proof enclosure used to combine DC circuits on the roof. The Rooftop DC junction box allows a single DC circuit to be run to the inverter from the roof, reducing DC cabling and the need for additional DC isolators at the inverter.

- Slim design to allow clearance above the roof
- Ability to rotate enclosure on the bracket to position cable entry points where required
- Inbuilt pressure equalisation valve
- Combine up to 5 strings without any additional glands
- Reduces DC cabling, additional DC isolators adjacent to the inverter and multiple HD conduits through roof spaces
- Suitable for all SolarEdge inverters
- IP 66 rated, suitable for mounting outdoors in various weather conditions
- Includes stainless steel universal bracket, conduits glands and labels and pre-assembled for ease of installation

To be installed in compliance with AS/NZS5033

Typical system installation



Mechanical specifications

Enclosure dimensions	185 x 185 x 58mm
Conduit gland	1 x 25mm
5 Hole gland - *Suitable for 4-6mm ² DC cable	2 x 25mm with 6 blanking plugs
IP rating	IP 66
Weight	1kg

Electrical specifications

Dual entry negative terminals	3 x 10mm ² (MAX)
Dual entry positive terminals	3 x 10mm ² (MAX)
Terminal max current	57A (10mm ² cable rated at 54A)
Terminal max voltage with suitable separation	1000V
Max cable size	10mm ² with boot lace or 16mm ² bare

This product comes with glands suitable for 5x string inputs and 1x output. There are enough gland entries and terminals to accommodate 5x inputs and 1x output.

*Some uncommon insulation thicknesses may not be suitable - if larger hole glands are required, contact AC Solar Warehouse to purchase.