

# DC Junction Box

For commercial & residential SolarEdge systems

SKU: ACSW-DCJB

ID: 1085



SPECIFICATION SHEET  
v.1.0

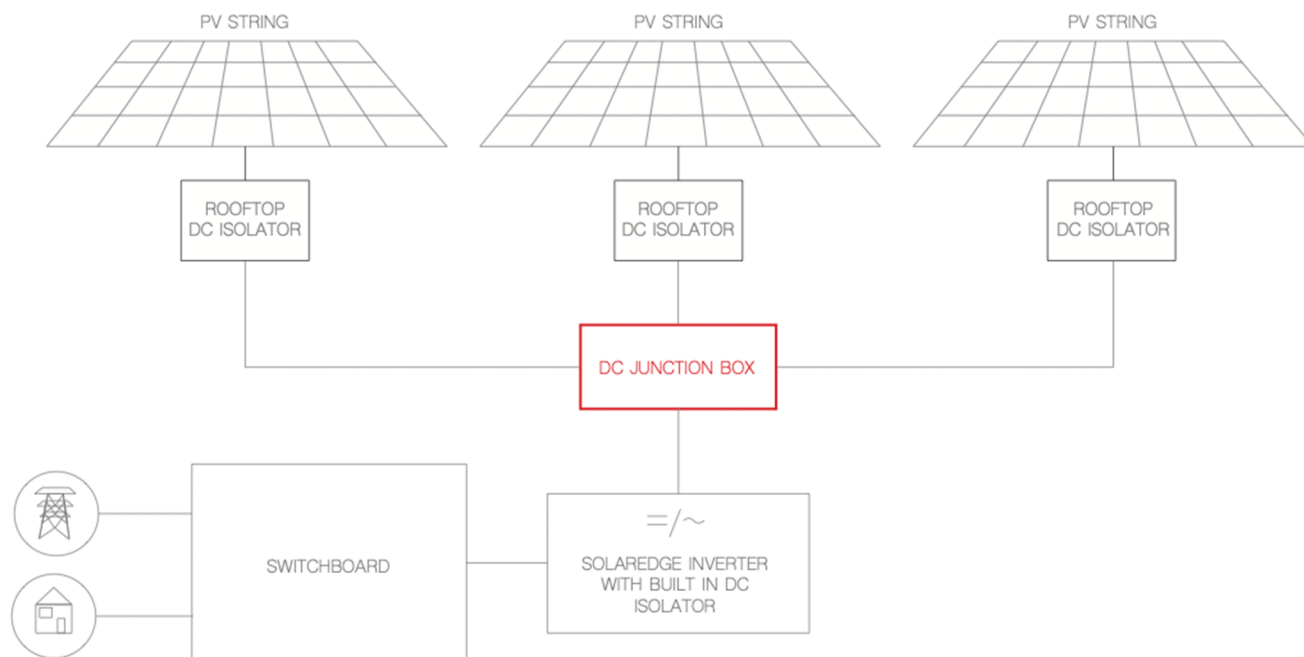
## Commercial & residential solar systems made easy

The SolarEdge DC junction box is a pre-assembled weather-proof enclosure used to combine DC circuits on the roof. The SolarEdge DC junction box allowed a single DC circuit to be run to the inverter reducing DC cabling and the need for additional DC isolators at the inverter. See specifications for details.

- Reduces DC cabling, additional DC isolators adjacent to the inverter and multiple HD conduits through roof spaces.
- Suitable for most SolarEdge inverters.
- IP 66/67/69 rated, suitable for mounting outdoors in various weather conditions.
- Includes stainless steel universal bracket, positive, negative and earth terminals, conduits glands and labels all pre-assembled for ease of installation.

To be installed in compliance with AS/NZS5033.

# Typical system installation



## Mechanical specifications

Enclosure dimensions	145 x 200 x 75mm
Distance between rail attach points	118mm
Conduit gland	1 x 25mm
2 Hole gland – Suitable for 4 - 6mm <sup>2</sup> DC cable	2 x 25mm
Locking nut	3 x 25mm
IP rating	IP 66/67/69
Weight	950g

## Electrical specifications

Dual entry negative terminals	3 x 10mm <sup>2</sup> (MAX)
Dual entry positive terminals	3 x 10mm <sup>2</sup> (MAX)
Dual entry earth terminals	1 x 10mm <sup>2</sup> (MAX)
Terminal max current	57A (10mm <sup>2</sup> cable rated at 54A)
Terminal max voltage	850V
Max cable size	10mm <sup>2</sup> with boot lace or 16mm <sup>2</sup> bare

**\*Please note:** This product comes with glands suitable for 2x string inputs and 1x output. There are enough gland entries and terminals to accommodate 5x inputs and 1x output, however additional glands will be required.