

ACBoard Classic (200A max) - ABB GPR

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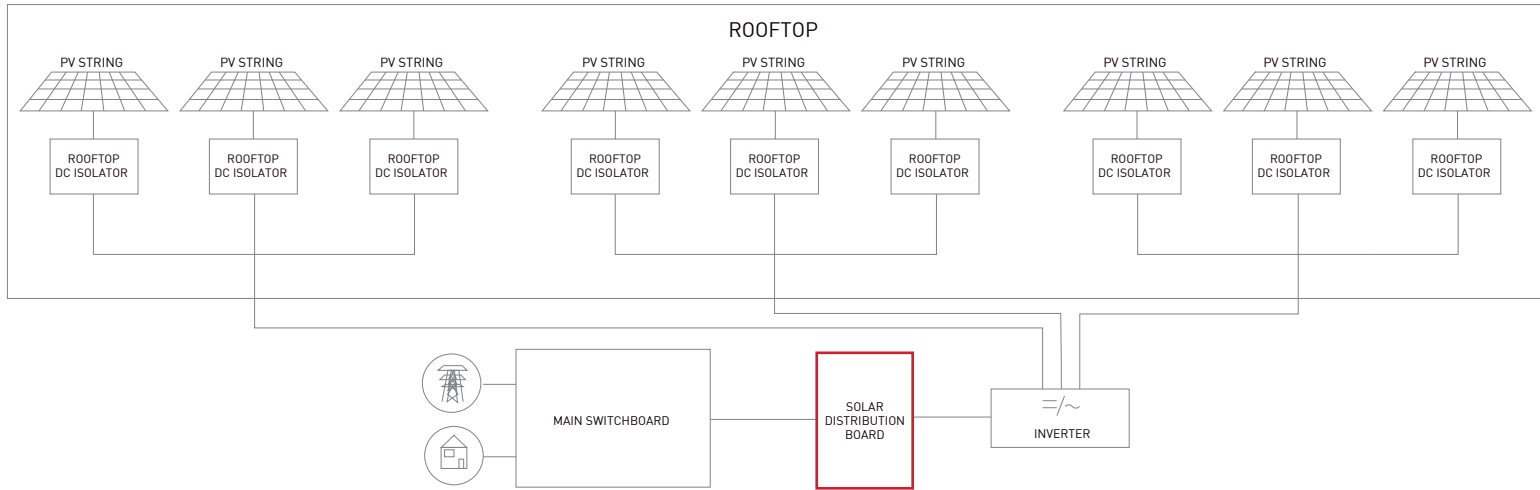
Image is indicative only, Model may differ from image while maintaining functionality.

SPECIFICATION SHEET
V1.0

Saves you time and money on your commercial solar installs

- Designed to meet distribution utilities network protection requirements.
- Designed by registered professional electrical engineers. Simplifies engineering signoff for solar projects.
- Compliant with Australian & New Zealand standards, including AS/NZS 61439.
- Metal enclosure for commercial applications.
- Completely pre-wired and tested.
- 3 point locking system.
- Easy to install.

Typical system installation



Mechanical specifications

Enclosure material	Powder coated mild metal
Enclosure dimensions	600W x 800H x 250D (mm)
IP rating	IP 66
Weight	48kg
Cable entries	Gland plate top + bottom
Labels	Pre-labelled to meet AS/NZS 4777.1:2016 & AS/NZS 5033:2021 with additional labels for main board.
Colour	Grey (RAL7035)
Operating temperature	-25 to +40°C Ambient

Electrical specifications

Fault current rating	18kA
Max overcurrent protection	200A (suitable for 1x100kW or 1x110kW inverter)
Min incoming cable size (lugged connection)	¹ 50mm ² unenclosed spaced XLPE 3x1 core. Lug with 8.5mm diameter hole
Max incoming cable size (lugged connection)	² 25mm wide lug with 8.5mm diameter hole. Up to 95mm ² cable with standard lugs
Incoming cable torque	8Nm
Min outgoing cable size (tunnel type connection)	¹ Flexible 2x10mm ² Rigid Cu-Cable 2x10mm ²
Max outgoing cable size (tunnel type connection)	² Flexible 2x70mm ² Rigid 2x95mm ²
Outgoing cable torque	8Nm
Grid protection	Grid Protection Relay (GPR) - preconfigured to utility and Australian Standards

*AC Solar Warehouse manufactures these boards in-house. Please contact us directly to discuss any custom modifications required.

¹ Ensure cable current carrying capacity is sufficient. Contact AC Solar Warehouse to confirm.

² Larger cables possible using spreading bars. Additional support recommended for cable above 95mm².