AC Board – Single inverter (200A max)

SPECIFICATION SHEET V1.0

Designed for a single 110kW SMA/Sungrow inverter

Other inverter brands may be suitable

SKU: ACB-SNP-B6

ID: 1859

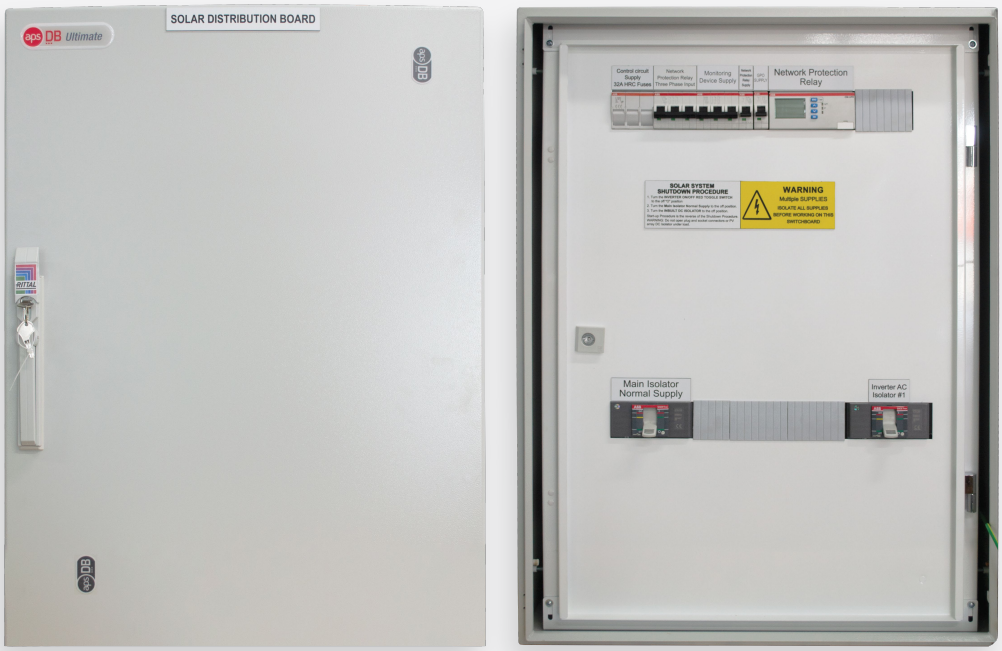
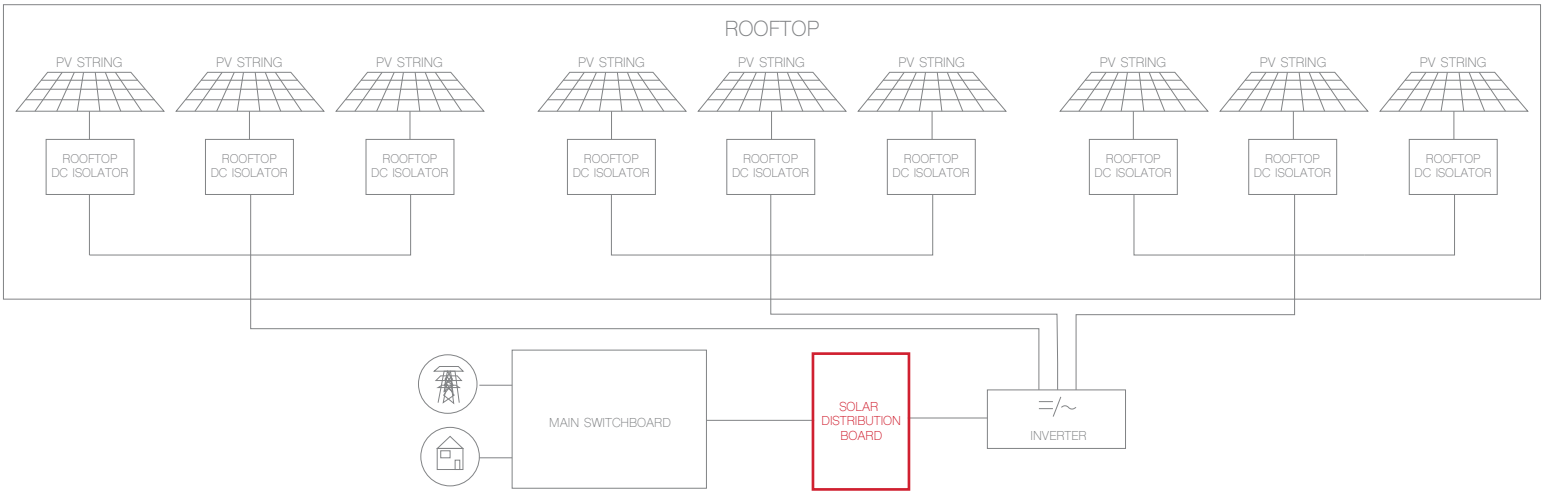


Image is indicative only, Model may differ from image while maintaining functionality.

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.
- Withstand harsh environments.
- Easy to install.

Typical system installation



Mechanical specifications

Enclosure material	Powder coated metal
Enclosure dimensions	600W x 800H x 250D (mm)
IP rating	IP 66 suitable for outdoor applications
Weight	
Cable entries	Gland plate top + bottom
Labels	Pre-labelled to meet AS/NZS 4777.1:2016 & AS/NZS 5033:2014 with additional labels for main board.
Colour	Grey
Operating temperature	-25 to +40°C Ambient
Monitoring	GPO + 3Ø 10A CB installed for monitoring devices

Electrical specifications

Fault current rating	17kA
Max overcurrent protection	200A
Min incoming cable size	50mm² unenclosed spaced XLPE 3x1 core. Lug with 8.5mm diameter hole[1]
Max incoming cable size	25mm wide lug with 8.5mm diameter hole. Up to 95mm² cable with standard lugs[2]
Incoming cable torque	8Nm
Min outgoing cable size	50mm unenclosed spaced XLPE 3x1 core. Lug with 8.5mm diameter hole[1]
Max outgoing cable size	25mm wide lug with 8.5mm diameter hole. Up to 95mm² cable with standard lugs[2]
Outgoing cable torque	8Nm
Grid protection	Grid Protection Relay (GPR) - preconfigured to utility and Australian Standards

*Optional extras include surge protection and rainhood.
Contact AC Solar Warehouse to discuss any custom modifications

[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.