

ACBoard

Designed for Enphase systems up to 18kW

SKU: 3Q1MOL

ID: 1721



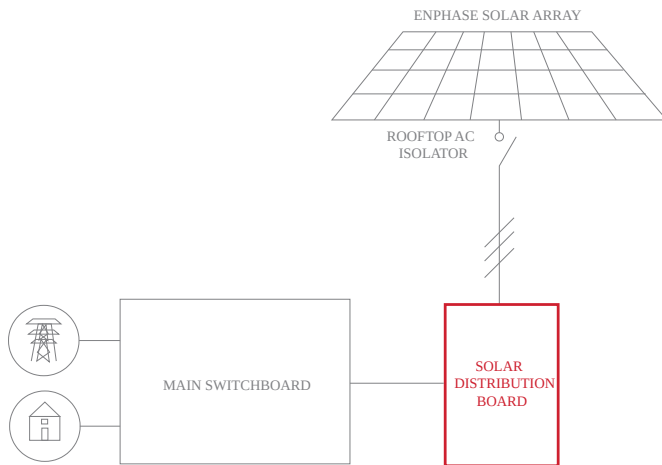
Image is indicative only, Model may differ from image while maintaining functionality.

SPECIFICATION SHEET
V1.0

The fastest & easiest way to install residential Enphase solar systems

- Designed and certified by in-house registered professional engineers with Clean Energy Council accreditation for design and installation of solar systems.
- Designed to comply with relevant Australian standards.
- Free technical support prior to purchasing and after sales, from Enphase Energy Experts.
- GREAT VALUE - Boards are assembled in-house and supplied direct to you.

Typical system installation



Mechanical specifications

Enclosure material	Impact reinforced polystyrene
Enclosure dimensions	622H x 340W x 161D
IP rating	IP 66
Weight	7.9kg
Pole enclosure	36
Labels	Pre-labelled to meet AS/NZS 4777.1:2016 & AS/NZS 5033:2021 with additional labels for main board.
Suitable for direct sunlight	Yes
Operating temperature	-25 to 40°
Chassis	Removable

Electrical specifications

Number of solar circuits	1
Spare DIN spaces	9
Solar circuit protection	MCB
Recommended min incoming ¹ cable size	10mm ²
Max incoming cable size ²	25mm ²
Max outgoing cable size ²	25mm ²
Min outgoing cable size ¹	2.5mm ²
Fault current rating	6kA

¹When using two core sheathed PVC installed in wiring enclosure in air.

²When using flexible conductor.

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SKU: 1Q1MIL, 1Q1RIL, 1Q1MOL, 1Q1ROL

ID: 1699, 1700, 1703, 1704



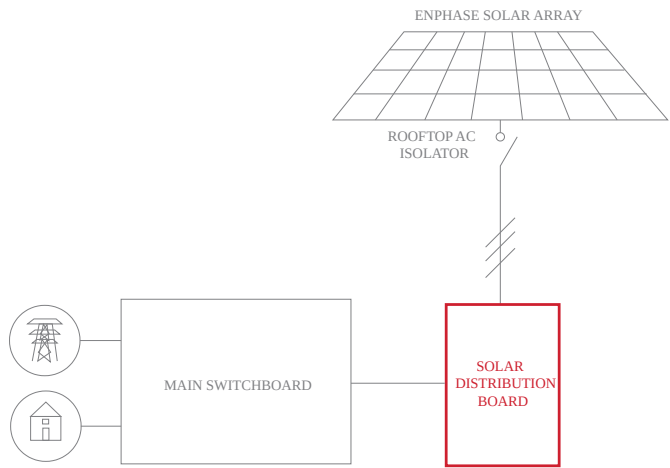
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General Specifications

Fault Current Rating	6kA
Operating Temperature	-40°C to 46°C
Labels	Pre-labelled to meet AS/NZS 4777.1:2016 & AS/NZS 5033:2021 with additional labels for main board.
Incoming Cable Size	1mm ² up to 25mm ² Flexible Conductor
Outgoing Cable Size	1mm ² up to 25mm ² Flexible Conductor
Number of Phases	1
Number of Solar Circuits	1

Number of Enphase Microinverters

Type	Max
Enphase IQ8AC microinverters (360W)	11
Enphase IQ8HC microinverters (380W)	10
Enphase IQ7+ microinverters (290W)	13
Enphase IQ7X microinverters (315W)	12
Enphase IQ7A microinverters (366W)	11

Product Specifications

	Q1 single phase, indoor (MCB)	Q1 single phase, indoor (RCBO)	Q1 single phase, outdoor (MCB)	Q1 single phase, outdoor (RCBO)
SKU	1Q1MIL	1Q1RIL	1Q1MOL	1Q1ROL
Item Number	1699	1700	1703	1704
PV Circuit Protection	MCB	RCBO	MCB	RCBO
Indoor/Outdoor	Indoor	Indoor	Outdoor	Outdoor
Weight [kg]	4.4	4	5.25	5.3
Height [mm]	380	380	432	432
Width [mm]	380	380	432	432
Depth [mm]	109	109	161	161
IP Rating	40	40	65	65
Colour	White RAL 9010	White RAL 9010	Light Grey L750A	Light Grey L750A