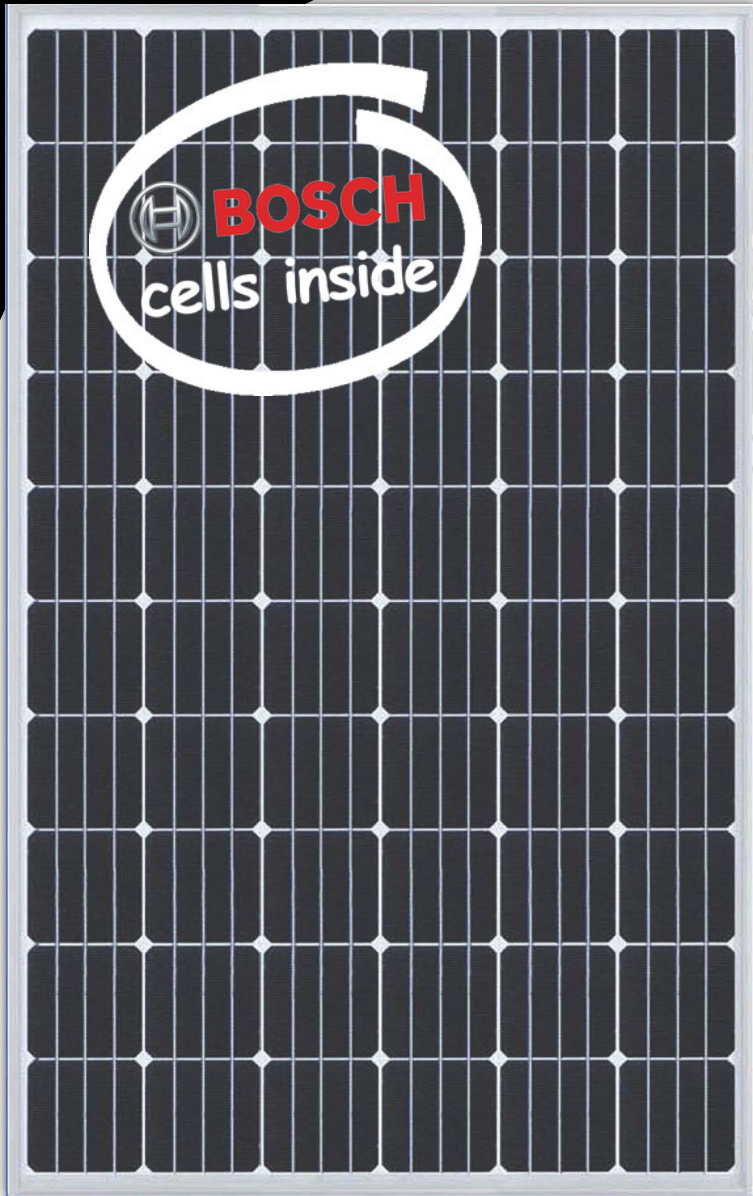




Aussie Solar World
Together we'll save the planet

SSM250M-60



BENEFITS

- **Positive Power Tolerance**
Guaranteed 0 to plus 8%, ensuring a greater return on your investment
- **Quality assured BOSCH A-grade cells**
- **3 Busbars**
Reduces current loss and increase cell power output
- **6 Bypass Diodes**
Increase tolerance to shade, maximising output.
- **Anti-reflective Glass**
Helps maximise output with extended low light performance
- **50mm Thick Frame**
Designed after extensive research with increased strength and durability against wind and hail

10YEAR Materials & Workmanship WARRANTY
10YEAR 90% Minimum Power WARRANTY
30YEAR 80% Minimum Power WARRANTY

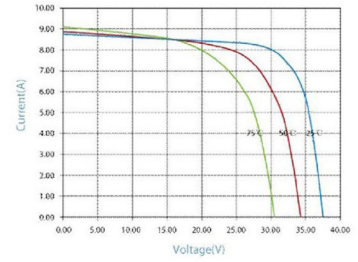


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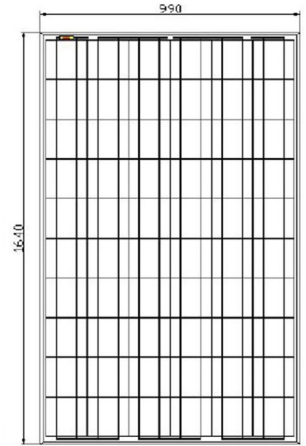
ELECTRICAL CHARACTERISTICS

Maximum Power (Pmax)	250W
Power Tolerance (%)	0/+8
Maximum Power Voltage (Vmp)	31.80
Maximum Power Current (Imp)	8.02
Open Circuit Voltage (Voc)	38.56
Shortcircuit Current (Isc)	8.53
Module Efficiency	16.01%
Temp Coefficient IM	+0.04%/0°C
Temp Coefficient Voc	-0.38%/0°C
Temp Coefficient Isc	+0.04%/0°C
Temp Coefficient Power	-0.47%/0°C
Temp Coefficient Vm	-0.38%/0°C
Nominal Operating Cell Temp. (NOCT)	47°C+/-2°C



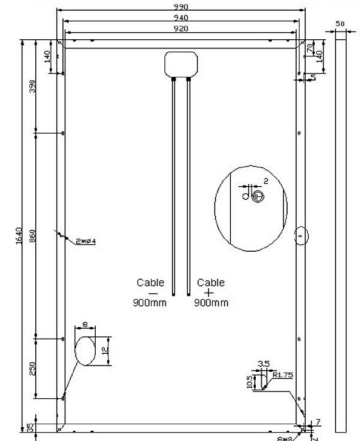
MECHANICAL CHARACTERISTICS

Weight (kg)	19.5kg
Frame Structure (Material, Corners)	50 mm
Front Side	Glass
Front Glass Thickness	3.2mm
Back Side	TPT
Junction Box / Connector Type	TUV Certified



CELLS

Cells	BOSCH A Grade Cells (Made in Germany)
Cell Type	Mono Crystalline Cell
Cell Size	156 x 156mm
Cell Shape	Quasi Square
Number of Cells	60



ABSOLUTE MAXIMUM RATINGS

Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C
Maximum Load Capacity	2400-5400pa
Allowable Hail Load	23m/s, 7.53g

STANDARDS TEST CONDITIONS

M	1.5
Irradiation	1000W/m ²
Tc	25+/-2°C

PACKING

Packaging	Plastic Protective Pack
1*20'	6 Pallets/270 Pieces
1*40' HQ	28 Pallets/588 Pieces

10 YEAR
Materials & Workmanship
WARRANTY

10 YEAR
90% Minimum Power
WARRANTY

30 YEAR
80% Minimum Power
WARRANTY