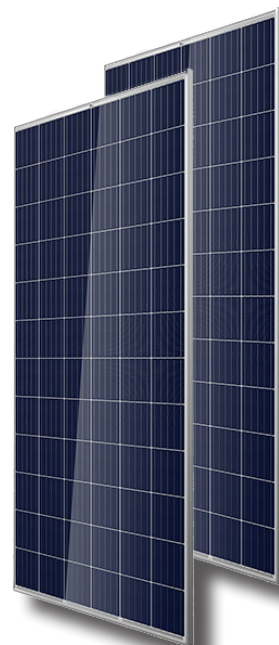


SAPPHIRE SOLAR GEM SERIES SS320-340P/72 POLYCRYSTALLINE MODULES



WE MAKE THINGS WORK THE WAY YOU WISH THEY WOULD.

- Premium cell technology produces a high module efficiency
- Waterproof (IP67 rated) junction boxes
- Anti-UV backsheet provides superior weather resistance and long-term durability to protect against discolouration and optimise light capture
- 5-busbar technology for enhanced cell output
- Anti-reflective tempered glass coating to maximise light penetration
- 10 years product warranty
- 12 years @ 90% performance warranty
- 25 years @ 80% performance warranty



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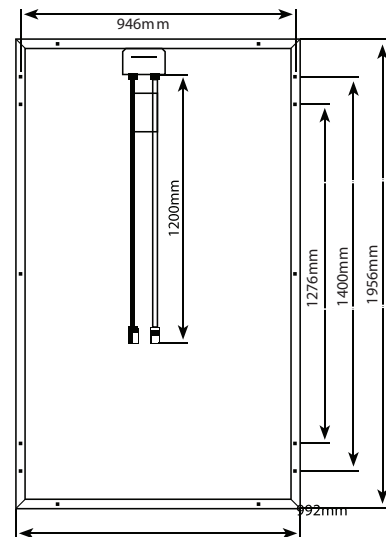


SPECIFICATIONS

ELECTRICAL CHARACTERISTICS		SS320P/72	SS325P/72	SS330P/72	SS335P/72	SS340P/72
Rated Power at STC (PmPP)	W	320	325	330	335	340
Power Tolerance	%	±3	±3	±3	±3	±3
Maximum Power at STC	W	323	328	333	338	343
Cell Efficiency	%	18.5-18.7	18.8-19	19.1-19.3	19.4-19.6	19.7-19.9
Minimum Module Efficiency (%)	%	16.5-16.6	16.7-16.8	17.0-17.1	17.2-17.3	17.5-17.6
Maximum Rated Power Voltage (Vmpp)	V	37.8	38.2	38.6	38.9	39.3
Maximum Rated Power Current (Impp)	A	8.34	8.39	8.44	8.49	8.54
Open Circuit Voltage (Voc)	V	45.8	46	46.2	46.4	46.6
Short Circuit Current	A	9.20	9.30	9.40	9.52	9.62
Maximum System Voltage	V	1000	1000	1000	1000	1000
Maximum Series Fuse Rating	A	15	15	15	15	15
Fire Rating		Class C	Class C	Class C	Class C	Class C

MECHANICAL CHARACTERISTICS

Solar Cells	Polycrystalline 156mm x 156mm (72 cells)
Dimensions	1956 x 992 x 40mm
Weight	22.5kg
Front Glass	3.2mm tempered, antireflective glass
Frame	Anodized/electrophoretic aluminium alloy
Cables	4.0mm ² , symmetrical legths 1.2m
Connector	Genuine MC4
Junction Box	IP67 rated fully sealed



TEMPERATURE CHARACTERISTICS

Temperature Coefficient Pmax	-0.41%/°C
Temperature Coefficient Voc	-0.32%/°C
Temperature Coefficient Isc	+0.05%/°C
Operating temperature	-10°C --85°C
NOCT (Nominal Operation Cell Temperature)	45°C +/- 2°C

PACKAGING CONFIGURATION

Container	40' HQ
Pieces per Pallet	26
Pallets per Container	22
Pieces per Container	572



Proudly 100% Australian-owned company, modules manufactured in China with premium componentry, assembly and testing.