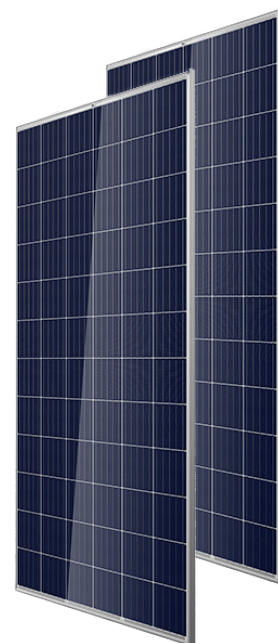


SAPPHIRE SOLAR GEM SERIES SS320-340P/72A POLYCRYSTALLINE MODULES



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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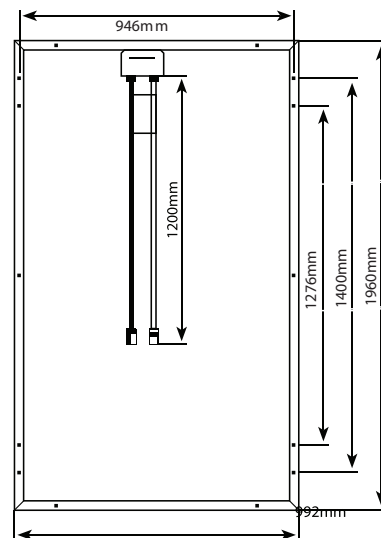


SPECIFICATIONS

ELECTRICAL CHARACTERISTICS		SS320P/72A	SS325P/72A	SS330P/72A	SS335P/72A	SS340P/72A
Rated Power at STC (PmPP)	W	320	325	330	335	340
Power Tolerance	W	0/+5	0/+5	0/+5	0/+5	0/+5
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	16.7	17.0	17.2	17.5
Maximum Rated Power Voltage (Vmpp)	V	37.1	37.3	37.5	37.7	37.9
Maximum Rated Power Current (Impp)	A	8.63	8.72	8.81	8.89	8.98
Open Circuit Voltage (Voc)	V	45.6	45.9	46.2	46.5	46.8
Short Circuit Current	A	9.14	9.26	9.38	9.50	9.62
Maximum System Voltage	V	1000	1000	1000	1000	1000
Maximum Series Fuse Rating	A	20	20	20	20	20
Fire Rating		Class C	Class C	Class C	Class C	Class C

MECHANICAL CHARACTERISTICS

Solar Cells	Polycrystalline 156.75mm x 156.75mm (72 cells)
Dimensions	1956 x 992 x 40mm
Weight	22kg
Front Glass	3.2mm tempered, antireflective glass
Frame	Anodized/electrophoretic aluminium alloy
Cables	4.0mm ² , symmetrical lengths 1.2m
Connector	Genuine MC4
Junction Box	IP67 rated fully sealed



TEMPERATURE CHARACTERISTICS

Temperature Coefficient Pmax	-0.41%/°C
Temperature Coefficient Voc	-0.33%/°C
Temperature Coefficient Isc	+0.067%/°C
Operating temperature	-40°C +85°C
NOCT (Nominal Operation Cell Temperature)	45°C +/- 2°C

PACKAGING CONFIGURATION

Container	40" HQ
Pieces per Pallet	26
Pallets per Container	24
Pieces per Container	624



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