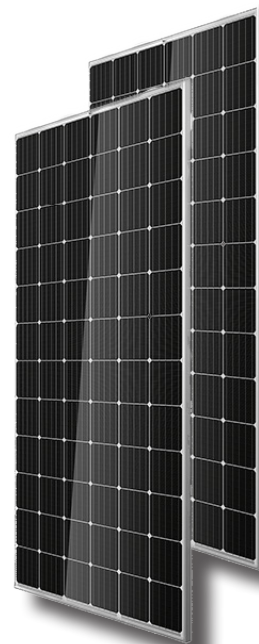


# SAPPHIRE SOLAR GEM SERIES SS340-360M/72 BLACK MONOCRYSTALLINE MODULES



## WE MAKE THINGS WORK THE WAY YOU WISH THEY WOULD.

- Sleek black design
- Premium cell technology produces a high module efficiency
- Waterproof (IP67 rated) junction box
- Anti-UV backsheet for superior weather resistance and long-term durability
- 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



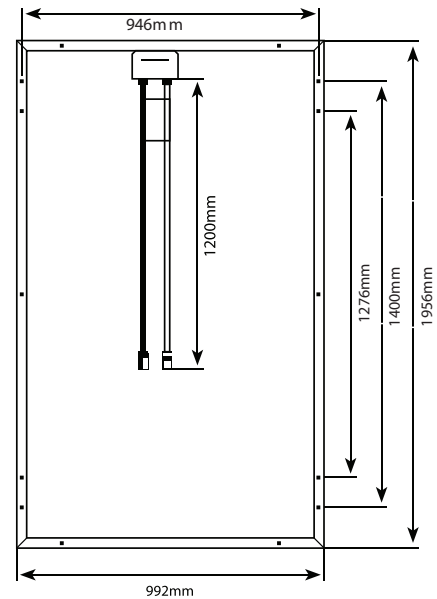
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# SPECIFICATIONS

ELECTRICAL CHARACTERISTICS		SS340M/72	SS345M/72	SS350M/72	SS355M/72	SS360M/72
Rated Power at STC (PmPP)	W	340	345	350	355	360
Power Tolerance	%	±3	±3	±3	±3	±3
Maximum Power at STC	W	343	348	353	358	363
Cell Efficiency	%	20.0-20.2	20.3-20.5	20.6-20.8	20.9-21.1	21.2-21.4
Minimum Module Efficiency (%)	%	17.5-17.6	17.7-17.8	18.0-18.1	18.3-18.4	18.5-18.6
Maximum Rated Power Voltage (Vmpp)	V	39.5	39.9	38.3	38.7	39.1
Maximum Rated Power Current (Impp)	A	8.61	8.65	9.16	9.19	9.23
Open Circuit Voltage (Voc)	V	46.5	46.7	46.9	47.1	47.3
Short Circuit Current	A	9.63	9.72	9.81	9.90	9.99
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	Monocrystalline 156mmx156mm (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 <sup>2</sup> , symmetrical legths 1.2m
Connector	Genuine MC4
Junction Box	IP67 rated fully sealed PV-HT001



TEMPERATURE CHARACTERISTICS	
Temperature Coefficient Pmax	-0.39%/°C
Temperature Coefficient Voc	-0.29%/°C
Temperature Coefficient Isc	+0.049%/°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	22
Pieces per Container	572



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