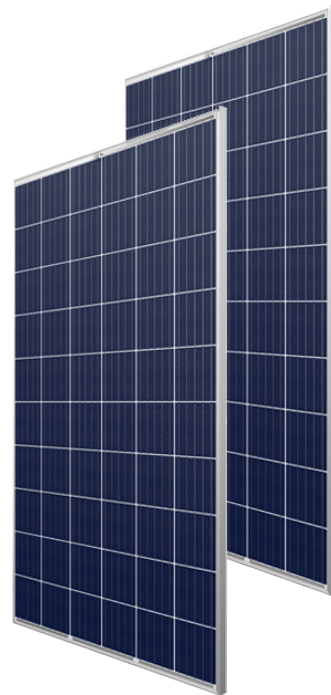


SAPPHIRE SOLAR GEM SERIES SS265-280P/60 POLYCRYSTALLINE MODULES



WE MAKE THINGS WORK THE WAY YOU WISH THEY WOULD.

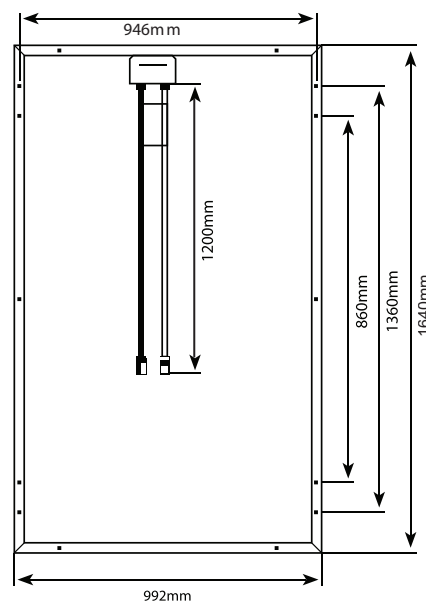
- Premium cell technology produces a high module efficiency
- Waterproof (IP67 rated) junction box
- Anti-UV backsheet for superior weather resistance and long-term durability
- 5-busbar technology for enhanced cell output
- Anti-reflective tempered glass coating to maximise light penetration
- Combined 25+25 product and performance warranty:
 - 25 year product
 - 25 year performance (80%) / 12 year performance warranty (90%)



SPECIFICATIONS

ELECTRICAL CHARACTERISTICS		SS265P/60	SS270P/60	SS275P/60	SS280P/60
Rated Power at STC (PmPP)	W	265	270	275	280
Power Tolerance	W	+/-3	+/-3	+/-3	+/-3
Maximum Power at STC	W	268	273	278	283
Cell Efficiency	%	18.7	19.0	19.3	19.6
Minimum Module Efficiency (%)	%	16.4	16.8	17.0	17.3
Maximum Rated Power Voltage (Vmpp)	V	31.7	32.1	32.5	32.9
Maximum Rated Power Current (Impp)	A	8.37	8.42	8.47	8.52
Open Circuit Voltage (Voc)	V	37.6	37.9	38.2	38.5
Short Circuit Current	A	9.28	9.38	9.47	9.56
Maximum System Voltage	V	1000	1000	1000	1000
Maximum Series Fuse Rating	A	15A	15A	15A	15A
Fire Rating		Class C	Class C	Class C	Class C

MECHANICAL CHARACTERISTICS	
Solar Cells	Polycrystalline 156mm x 156mm (60 cells)
Dimensions	1640 x 992 x 35mm
Weight	19.0kg
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	-0.32%/°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" GP
Pieces per Pallet	30
Pallets per Container	28
Pieces per Container	840

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