

360-380W Mono

120 Half-Cell Layout

166mm Cell



Half Cut Cell Technology



MBB Technology



Anti-PID Low LID Performance



Less Hot Spot Shading Effects



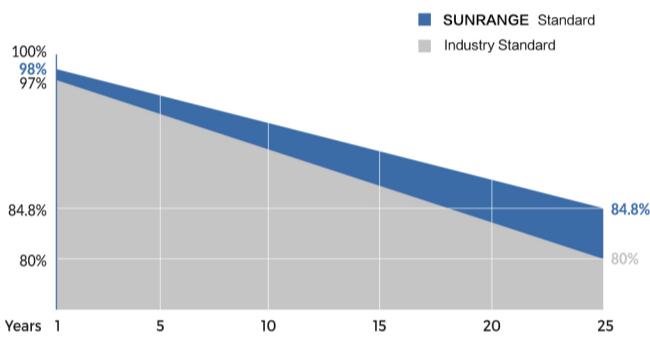
Low Power Temperature Coefficient



Lower BOS & LCOE



Linear Performance Warranty



Insured By

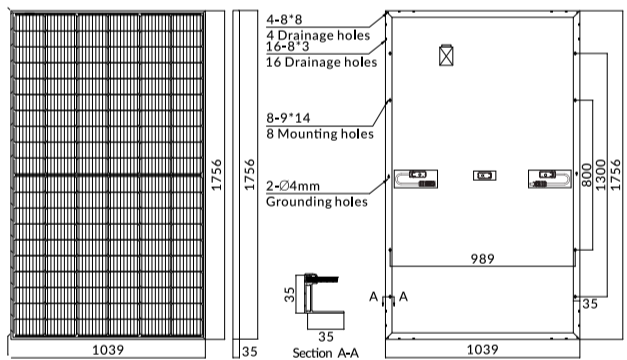


Comprehensive Certificates

- ISO9001:2015 QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard Quality
- IEC61701/IEC62716 Salt/Mist/Ammonia Tests

MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	120 (6x20)
Dimensions	1756 x 1039 x 35mm
Weight	19.5kg
Front Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm ²
Output Cables	300mm (+) / 300mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

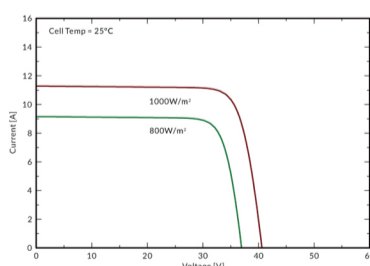
POWER CLASS	SR60P-360M		SR60P-365M		SR60P-370M		SR60P-375N		SR60P-380M	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum power (Pmax)	360W	265W	365W	268W	370W	271W	375W	274W	380W	277W
Open Circuit Voltage (Voc)	40.79V	37.45V	40.99V	37.55V	41.18V	37.66V	41.37V	37.76V	41.57V	37.86V
Short Circuit Current (Isc)	11.18A	9.01A	11.26A	9.07A	11.34A	9.13A	11.42A	9.19A	11.50A	9.25A
Voltage at Maximum power (Vmpp)	33.71V	30.96V	33.92V	31.09V	34.13V	31.22V	34.34V	31.35V	34.55V	31.48V
Current Maximum Power (Impp)	10.68A	8.56A	10.76A	8.62A	10.84A	8.68A	10.92A	8.74A	11.00A	8.80A
MODULE EFFICIENCY (%)	19.73%		20.01%		20.28%		20.55%		20.83%	

STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

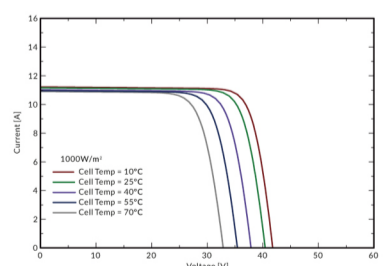
PACKING CONFIGURATION

Container	20'GP	40'HQ
Pieces per pallet	31	31
Pallets per container	6	26
Pieces per container	186	806

I-V CURVE



SR60P-375M



OPERATING CHARACTERISTICS

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500 DC (IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (NMOT)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	+0.05%/°C

Note: The specifications, data and technical characteristics provided in this data sheet are subject to changes due to continuous R&D, product innovation and improvement. SUNRANGE reserves the right to modify the information any time without prior notice.

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