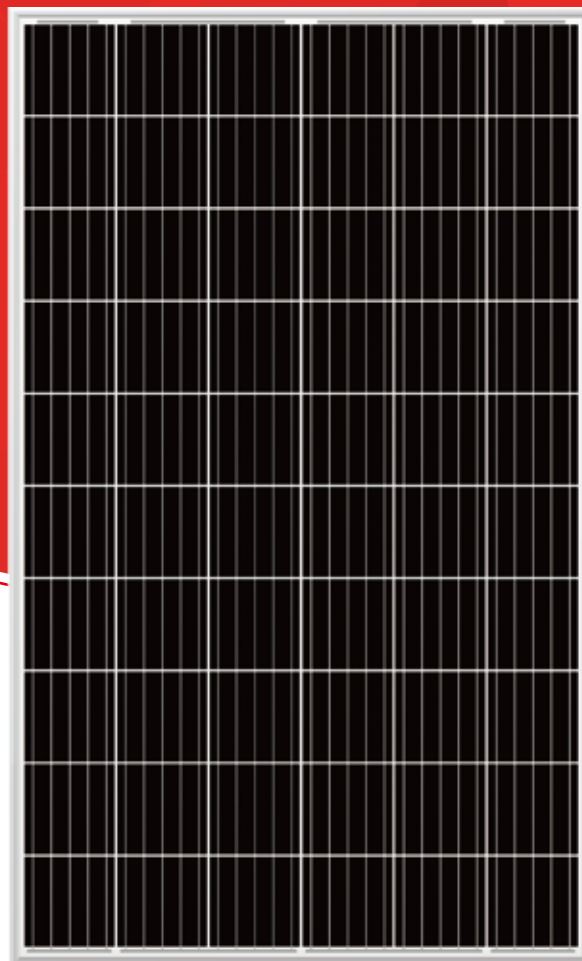


SRP-6MB SERIES 6 INCH 60 CELLS

305-320_w



KEY FEATURES



Bankable products



Anti-PID products



Top rank in Photon yield measurement



Safety for salt mist corrosion
Safety for ammonia corrosion



Safety for fire risk



Outstanding power output capability at low irradiance



Triple 100% Electroluminescence (EL) tests minimize breakage rate



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate

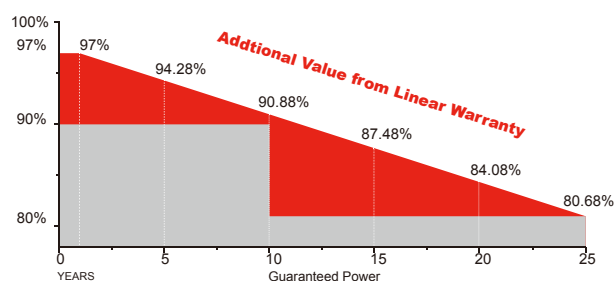
MANAGEMENT SYSTEM

ISO 9001: Quality management system

ISO 14001: Standard for environmental management system

OHSAS 18001: International standard for occupational health and safety assessment system

WARRANTY



Guarantee on product material and workmanship



linear power output warranty

Specifications are subject to change without further notification SRP-DS-EN-2019V1.0-T0201 © Copyright 2019 Seraphim

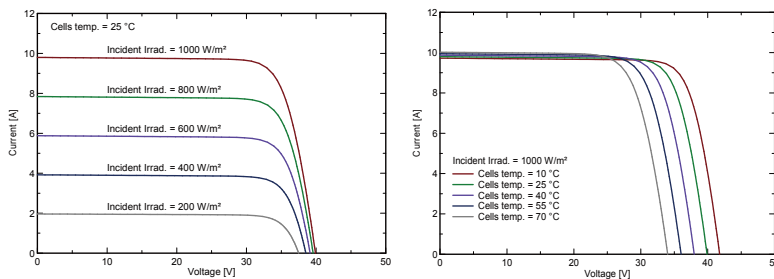
Electrical Characteristics

Module Type	SRP-305-6MB		SRP-310-6MB		SRP-315-6MB		SRP-320-6MB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P _{mp} (W)	305	226	310	230	315	234	320	238
Open Circuit Voltage -V _{oc} (V)	39.9	36.8	40.1	37.0	40.3	37.2	40.5	37.4
Short Circuit Current -I _{sc} (A)	9.80	7.88	9.89	7.96	9.98	8.04	10.07	8.12
Maximum Power Voltage -V _{mp} (V)	32.6	30.3	32.9	30.5	33.1	30.7	33.3	30.9
Maximum Power Current -I _{mp} (A)	9.36	7.46	9.43	7.55	9.52	7.63	9.61	7.71
Module Efficiency STC-η _m (%)	18.21		18.51		18.81		19.10	
Power Tolerance (W)					(0,+4.99)			
Maximum System Voltage (V)					1000VDC			
Maximum Series Fuse Rating (A)					20A			
Pmax Temperature Coefficient					-0.38%/°C			
Voc Temperature Coefficient					-0.28 %/°C			
Isc Temperature Coefficient					+0.05 %/°C			
Operating Temperature					-40~+85 °C			
Nominal Operating Cell Temperature					45±2 °C			

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5

NOCT: Irradiance 800 W/m² ambient temperature 20°C wind speed :1m/s Power measurement tolerance: +/-3%

Curve



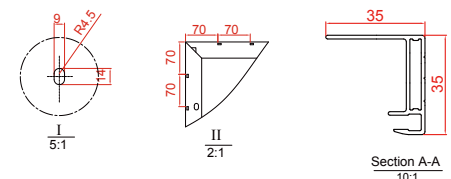
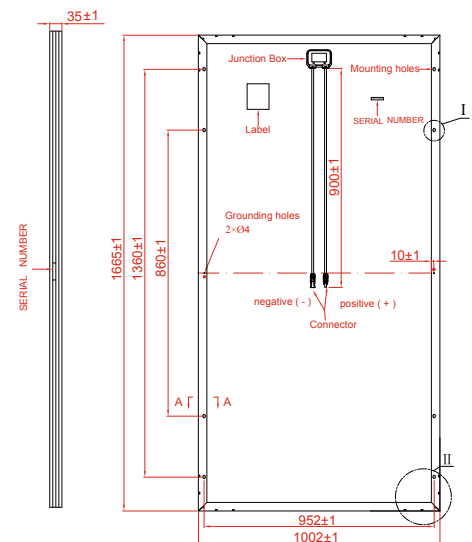
Mechanical Specifications

External Dimension	1665 x 1002 x 35mm
Weight	18.5kg
Solar Cells	PERC Mono crystalline 158.75 x 158.75 mm (60pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP67
Output Cables	4.0 mm ² , cable length:900mm or customized
Connector	MC4 Compatible
Mechanical Load	5400 Pa

Packing Configuration

External Dimension	1665 x 1002 x 35mm	
Container	20'GP	40'GP
Pieces per Pallet	30	30
Pallets per Container	12	26
Pieces per Container	360	780

Technical drawing(SRP-XXX-6MB)



* All Dimensions in mm.

* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact SERAPHIM.