

SII SERIES

Cuts Night, Breaks Dawn






320-335W



● SII SERIES

Seraphim redefined the high-efficiency module series by integrating 158.75mm silicon wafers with PERC and half-cut cell technologies. Seraphim panel combined creative technology effectively and extremely improved the module efficiency and power out.

● KEY FEATURES

-  Less mismatch to get more power
-  Less power loss by minimizing the shading impact
-  Competitive low light performance
-  3 times EL test to ensure best quality
-  Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI

● QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

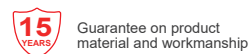
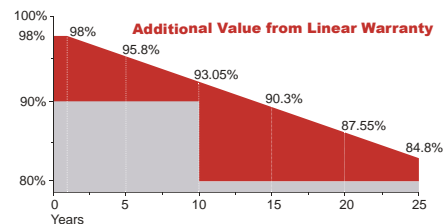
● PRODUCT CERTIFICATION



● INSURANCE



● WARRANTY



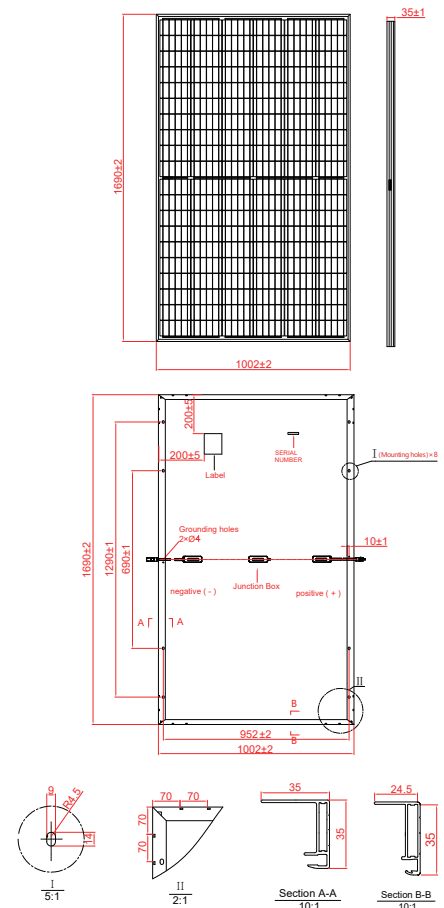
Electrical Characteristics

Module Type	SRP-320-BMB		SRP-325-BMB		SRP-330-BMB		SRP-335-BMB	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power at STC (Pmp)	320	240	325	244	330	247	335	251
Open Circuit Voltage (Voc)	40.4	37.7	40.6	37.9	40.8	38.1	41.0	38.2
Short Circuit Current (Isc)	9.93	8.03	10.02	8.10	10.11	8.17	10.20	8.24
Maximum Power Voltage (Vmp)	34.0	31.6	34.2	31.8	34.4	31.9	34.6	32.1
Maximum Power Current (Imp)	9.42	7.61	9.51	7.68	9.60	7.75	9.69	7.82
Module Efficiency at STC(ηm)	18.90		19.19		19.49		19.78	
Power Tolerance	(0, +4.99)							
Maximum System Voltage	1000V DC							
Maximum Series Fuse Rating	25 A							

STC: Irradiance 1000 W/m module temperature 25°C AM=1.5
 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%
 NOCT: Irradiance 800 W/m; ambient temperature 20°C wind speed :1m/s
 Power measurement tolerance: +/-3%; Voltage measurement tolerance: +/-2%; Current measurement tolerance: +/-4%

Temperature Characteristics

Pmax Temperature Coefficient	-0.35 %/°C
Voc Temperature Coefficient	-0.27 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C



Mechanical Specifications

External Dimensions	1690 x 1002 x 35 mm
Weight	19.0 kg
Solar Cells	PERC Mono(120 pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cable	4.0 mm ² , 250mm(+)/350mm(-) or Customized Length
Mechanical Load	Front side 5400Pa/ Back side 2400Pa
Connector	Staubli connectors
Fire Safety Class	Class C

Packing Configuration

	1690 x 1002 x 35 mm	
Container	20'GP	40'HQ
Pieces per Pallet	31	31+2*
Pallets per Container	12	26
Pieces per Container	372	858

* 31+2 pieces per pallet is the special package which only suits for container transport.
 For details, please consult SERAPHIM.

I-V Curve

