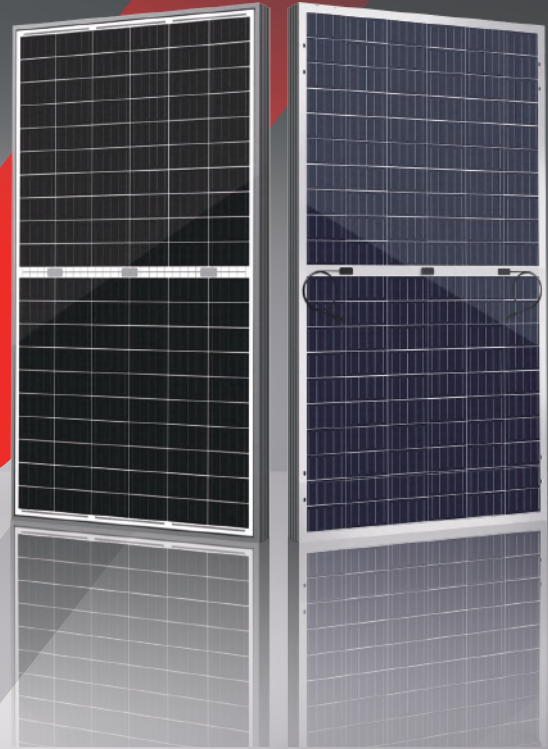


# SII SERIES

Cuts Night, Breaks Dawn







## 325-340W



### ● 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
-  **PVEL** Outstanding reliability proven by PVEL for stringent environment condition:
  - Sand, acid, salt, and hail stones
  - 2400 Pa wind load and 5400 Pa snow load
  - Anti-PID

### ● QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

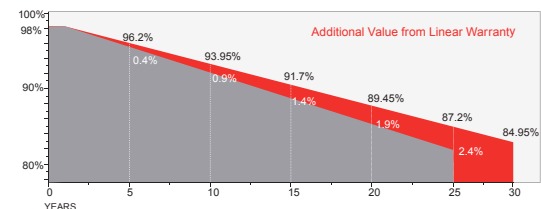
### ● PRODUCT CERTIFICATION



### ● INSURANCE

**PICC**

### ● WARRANTY

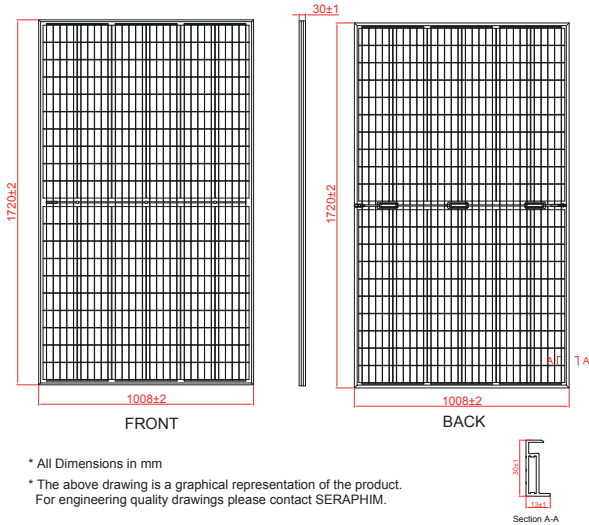


**15 YEARS** Guarantee on product material and workmanship

**30 YEARS** Linear power output warranty



### Technical drawing



### Mechanical Specifications

External Dimension	1720 x 1008 x 30 mm
Weight	22.5 kg
Solar Cells	PERC Mono (120 pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0 mm <sup>2</sup> , 250mm(+)/350mm(-) or Customized Length

### Packing Configuration

Container	40'HQ
Pieces per Pallet	32
Pallets per Container	26
Pieces per Container	832

### Electrical Characteristics

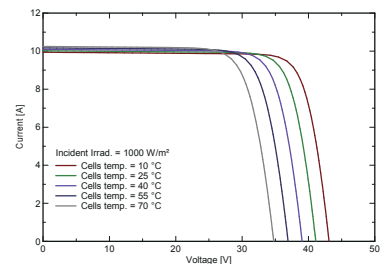
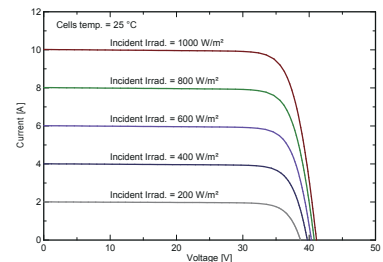
Module Type	SRP-325-BMB-BG			SRP-330-BMB-BG			SRP-335-BMB-BG			SRP-340-BMB-BG		
	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC	Front STC	Front NOCT	Back STC
Maximum Power -P <sub>mp</sub> (W)	325	244	228	330	247	231	335	251	235	340	254	238
Open Circuit Voltage -V <sub>oc</sub> (V)	40.9	37.9	40.6	41.1	38.1	40.8	41.3	38.2	41.0	41.4	38.4	41.2
Short Circuit Current -I <sub>sc</sub> (A)	9.93	8.10	7.00	10.02	8.17	7.06	10.10	8.24	7.12	10.23	8.31	7.18
Maximum Power Voltage -V <sub>mp</sub> (V)	34.5	31.8	34.6	34.7	31.9	34.8	34.9	32.1	35.0	35.0	32.3	35.2
Maximum Power Current -I <sub>mp</sub> (A)	9.43	7.68	6.59	9.52	7.75	6.64	9.60	7.82	6.72	9.72	7.89	6.77
Module Efficiency STC-η <sub>m</sub> (%)	18.75			19.03			19.32			19.61		
Power Tolerance (W)							(0, +4.99)					
Pmax Temperature Coefficient							-0.34 %/°C					
Voc Temperature Coefficient							-0.26 %/°C					
Isc Temperature Coefficient							+0.05 %/°C					

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5  
Power measurement tolerance: +/-3%

### Rear Side Power Gain(SRP-330-BMB-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P <sub>mp</sub> (W)	363	380	396	413	429
Open Circuit Voltage -V <sub>oc</sub> (V)	41.1	41.1	41.1	41.1	41.1
Short Circuit Current -I <sub>sc</sub> (A)	11.02	11.52	12.02	12.53	13.03
Maximum Power Voltage -V <sub>mp</sub> (V)	34.7	34.7	34.7	34.7	34.7
Maximum Power Current -I <sub>mp</sub> (A)	10.47	10.95	11.42	11.90	12.38

### I-V Curve



### Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	20 A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	70%±10%
Mechanical Load	Front side 5400 Pa / Back side 2400 Pa

Specifications are subject to change without further notification SRP-DS-EN-2022V2.0 © Copyright 2022 Seraphim

