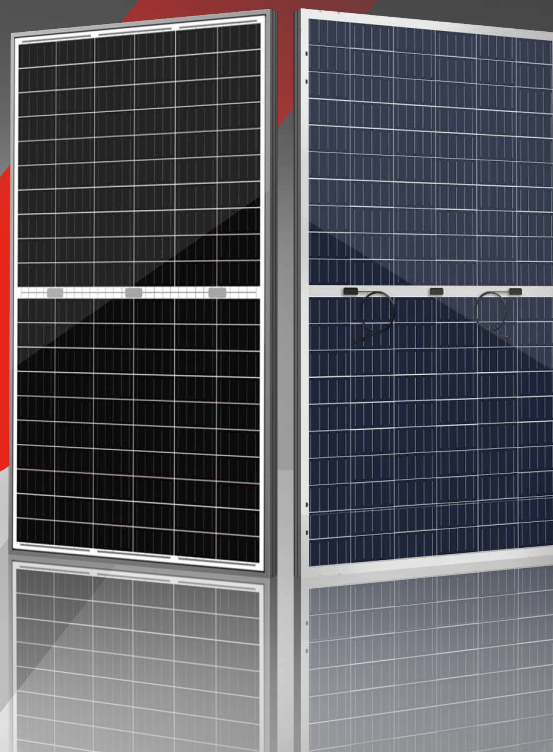


SII SERIES

Multiple upgrades were forged into one

320-335w



● SII SERIES

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

● 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 improve ROI.
-  Outstanding reliability proven by PVEL for stringent environment condition :
 - sand, acid, and alkali, hail stones,
 - 2400pa wind load and 5400pa snow load.
 - PID

● QUALITY SYSTEM

ISO19001 / ISO14001 / OHSAS18001

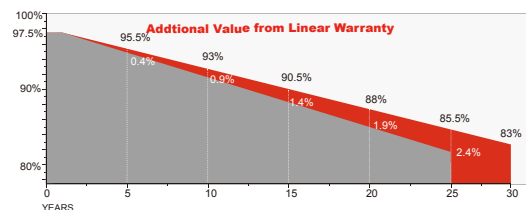
● PRODUCT CERTIFICATION



● INSURANCE



● WARRANTY



Guarantee on product material and workmanship



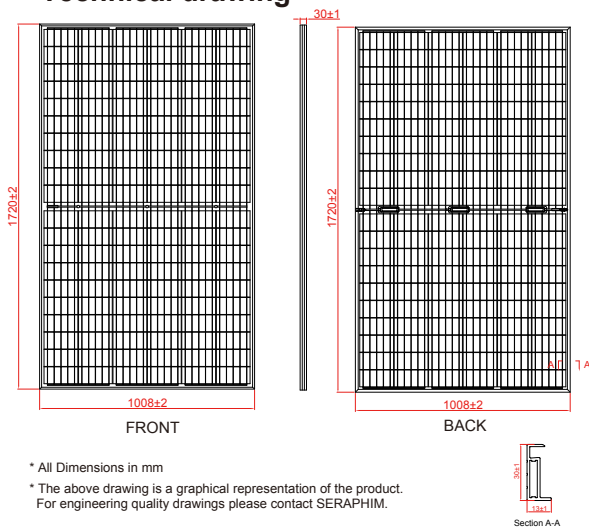
linear power output warranty



JIANGSU SERAPHIM SOLAR SYSTEM CO., LTD

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 Tel: +86-519-69699879 Fax: +86-519-88786181 Email: info@seraphim-energy.com

Technical drawing



Mechanical Specifications

External Dimension	1720 x 1008 x 30mm
Weight	22.5kg
Solar Cells	PERC Mono crystalline 158.75 x 79.375 mm (120pcs)
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 ² , Portrait:255mm(+)/355mm(-);Landscape:1200mm

Packing Configuration

Container	40'HQ
Pieces per Pallet	32
Pallets per Container	24
Pieces per Container	768

Electrical Characteristics

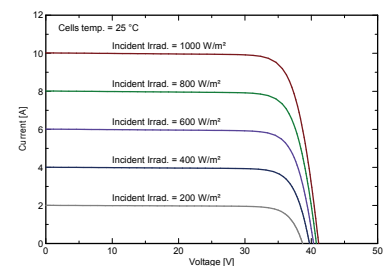
Module Type	SRP-320-BMB-BG		SRP-325-BMB-BG		SRP-330-BMB-BG		SRP-335-BMB-BG	
STC	Front	Back	Front	Back	Front	Back	Front	Back
Maximum Power -P _{mp} (W)	320	239	325	243	330	247	335	251
Open Circuit Voltage -V _{oc} (V)	40.7	40.4	40.9	40.6	41.1	40.8	41.3	41.0
Short Circuit Current -I _{sc} (A)	9.84	7.36	9.93	7.44	10.02	7.51	10.10	7.59
Maximum Power Voltage -V _{mp} (V)	34.3	34.4	34.5	34.6	34.7	34.8	34.9	35.0
Maximum Power Current -I _{mp} (A)	9.33	6.95	9.43	7.03	9.52	7.10	9.60	7.18
Module Efficiency STC-η _m (%)	18.46		18.75		19.03		19.32	
Power Tolerance (W)	(0, +4.99)							
Pmax Temperature Coefficient	-0.36 %/°C							
Voc Temperature Coefficient	-0.28 %/°C							
Isc Temperature Coefficient	+0.05 %/°C							

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

Rear Side Power Gain(SRP-320-BMB-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	352	368	384	400	416
Open Circuit Voltage -V _{oc} (V)	40.7	40.7	40.7	40.7	40.7
Short Circuit Current -I _{sc} (A)	10.83	11.32	11.81	12.31	12.79
Maximum Power Voltage -V _{mp} (V)	34.3	34.3	34.3	34.3	34.3
Maximum Power Current -I _{mp} (A)	10.27	10.73	11.20	11.67	12.13

I-V Curve



Application Conditions

Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	70%±5%
Mechanical Load	Front side 5400Pa/ Back side 2400Pa

