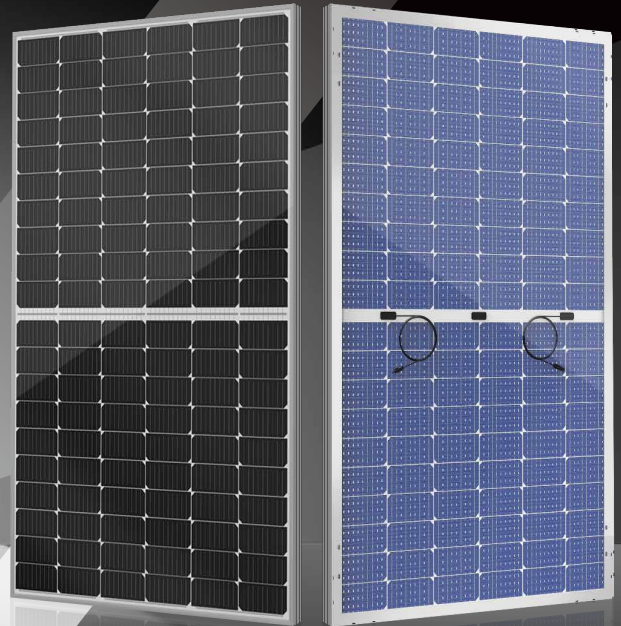


SIII SERIES

Multiple upgrades were forged into one

360-375_w



• SIII SERIES

Seraphim redefined the high-efficiency module series by integrating 166mm 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

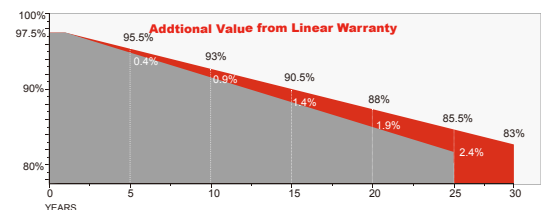
• PRODUCT CERTIFICATION



• INSURANCE



• WARRANTY



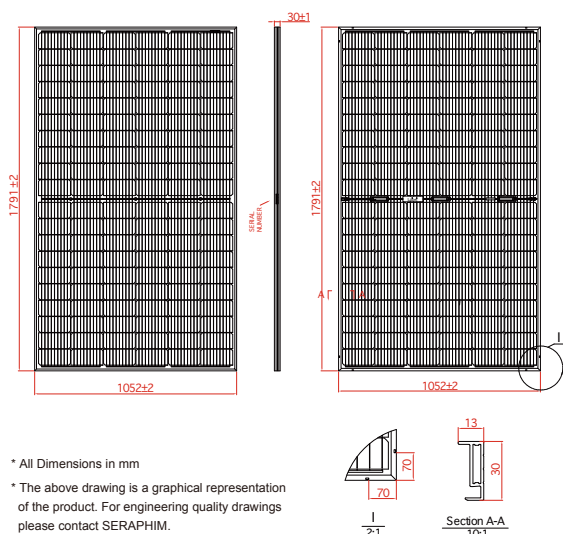
Guarantee on product material and workmanship



linear power output warranty



Technical Drawing



Mechanical Specifications

External Dimension	1791 x 1052 x 30mm
Weight	24.0kg
Solar Cells	PERC Mono crystalline 166 x 83mm (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

Module Type	SRP-360-BMB-BG		SRP-365-BMB-BG		SRP-370-BMB-BG		SRP-375-BMB-BG	
STC	Front	Back	Front	Back	Front	Back	Front	Back
Maximum Power -P _{mp} (W)	360	268	365	271	370	275	375	279
Open Circuit Voltage -V _{oc} (V)	41.2	38.5	41.4	38.7	41.6	38.9	41.8	39.1
Short Circuit Current -I _{sc} (A)	11.16	8.88	11.26	8.92	11.34	9.01	11.41	9.08
Maximum Power Voltage -V _{mp} (V)	34.2	31.8	34.4	32.0	34.6	32.2	34.8	32.4
Maximum Power Current -I _{mp} (A)	10.53	8.43	10.62	8.47	10.63	8.55	10.78	8.62
Module Efficiency STC-η _m (%)	19.11		19.37		19.64		19.90	
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-375-BMA-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	413	432	450	469	488
Open Circuit Voltage -V _{oc} (V)	41.8	41.8	41.8	41.8	41.8
Short Circuit Current -I _{sc} (A)	12.55	13.13	13.68	14.26	14.84
Maximum Power Voltage -V _{mp} (V)	34.8	34.8	34.8	34.8	34.8
Maximum Power Current -I _{mp} (A)	11.87	12.42	12.94	13.48	14.03

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/ Rear side 2400Pa

I-V Curve

