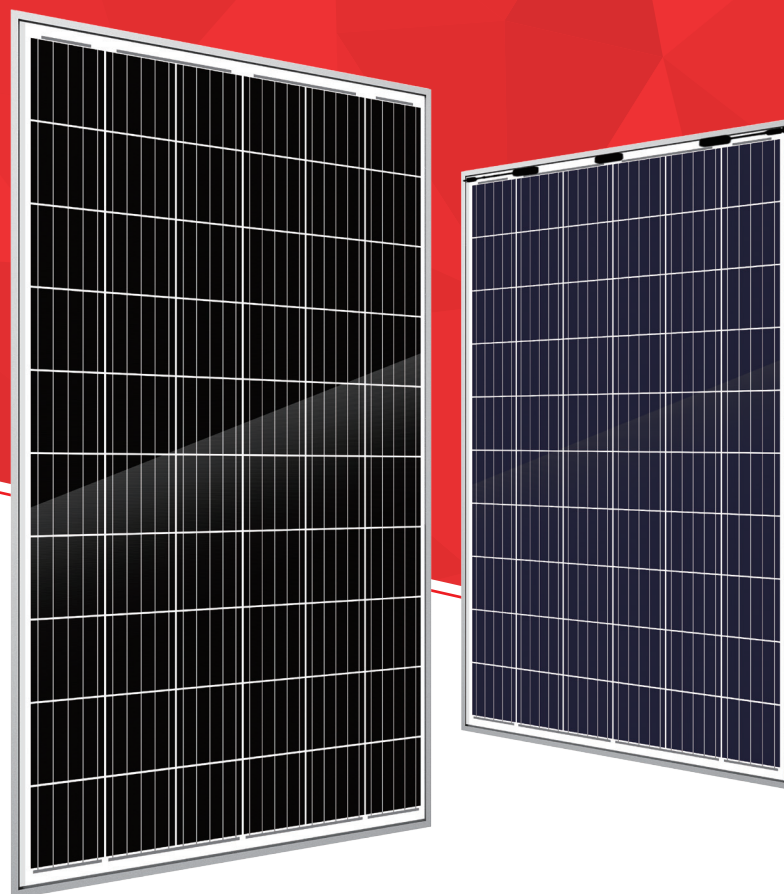


SRP-6MB-BG SERIES 6 INCH 60 CELLS

315-330_w

PERC BIFACIAL SOLAR MODULE



KEY FEATURES



5400Pa Mechanical load.



Enhanced safety by excellent fire resistance



Perfect for sandy, snowy and high latitude regions



Use reflected light, 10%-30% more energy generation



Dual glass reduces micro-cracks, snail trail, UV aging



Triple 100% Electroluminescence (EL) tests minimize breakage rate

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

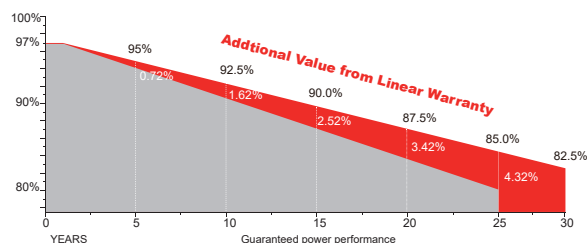
INSURANCE

PICC

PRODUCT CERTIFICATES



WARRANTY



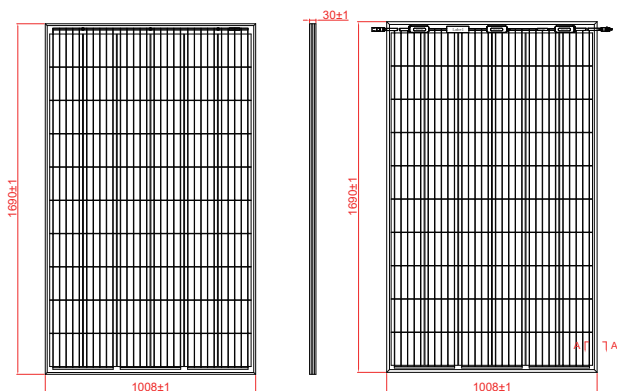
Guarantee on product material and workmanship



linear power output warranty

Specifications are subject to change without further notification SRP-DS-EN-2019V2.0 © Copyright 2019 Seraphim

Technical drawing



* All Dimensions in mm

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



Mechanical Specifications

External Dimension	1690 x 1008 x 30mm
Weight	22.0kg
Solar Cells	PERC Mono crystalline 158.75 x 158.75 mm (60pcs)
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
Connector	MC4 Compatible

Packing Configuration

Container	40'HQ
Pieces per Pallet	30
Pallets per Container	26
Pieces per Container	780

Electrical Characteristics

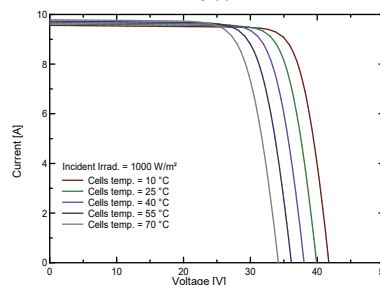
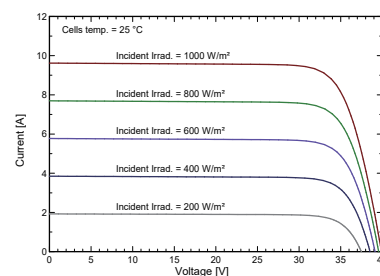
Module Type	SRP-315-6MB-BG		SRP-320-6MB-BG		SRP-325-6MB-BG		SRP-330-6MB-BG	
STC	Front	Back	Front	Back	Front	Back	Front	Back
Maximum Power -P _{mp} (W)	315	235	320	240	325	244	330	247
Open Circuit Voltage -V _{oc} (V)	40.5	40.0	40.7	40.3	40.9	40.5	41.1	40.7
Short Circuit Current -I _{sc} (A)	9.89	7.39	9.97	7.48	10.05	7.55	10.14	7.61
Maximum Power Voltage -V _{mp} (V)	33.2	33.3	33.4	33.6	33.6	33.8	33.8	34.0
Maximum Power Current -I _{mp} (A)	9.49	7.06	9.58	7.15	9.68	7.22	9.77	7.27
Module Efficiency STC-η _m (%)	18.49		18.78		19.08		19.37	
Power Tolerance (W)	(0, +4.99)							
Pmax Temperature Coefficient	-0.38%/°C							
Voc Temperature Coefficient	-0.28 %/°C							
Isc Temperature Coefficient	+0.050 %/°C							

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

Rear Side Power Gain(SRP-315-6MB-BG)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	347	362	378	394	410
Open Circuit Voltage -V _{oc} (V)	40.5	40.5	40.5	40.5	40.5
Short Circuit Current -I _{sc} (A)	10.88	11.52	12.02	12.52	13.02
Maximum Power Voltage -V _{mp} (V)	33.2	33.2	33.2	33.2	33.2
Maximum Power Current -I _{mp} (A)	10.44	11.05	11.53	12.01	12.49

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	≥74%
Mechanical Load	5400Pa

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