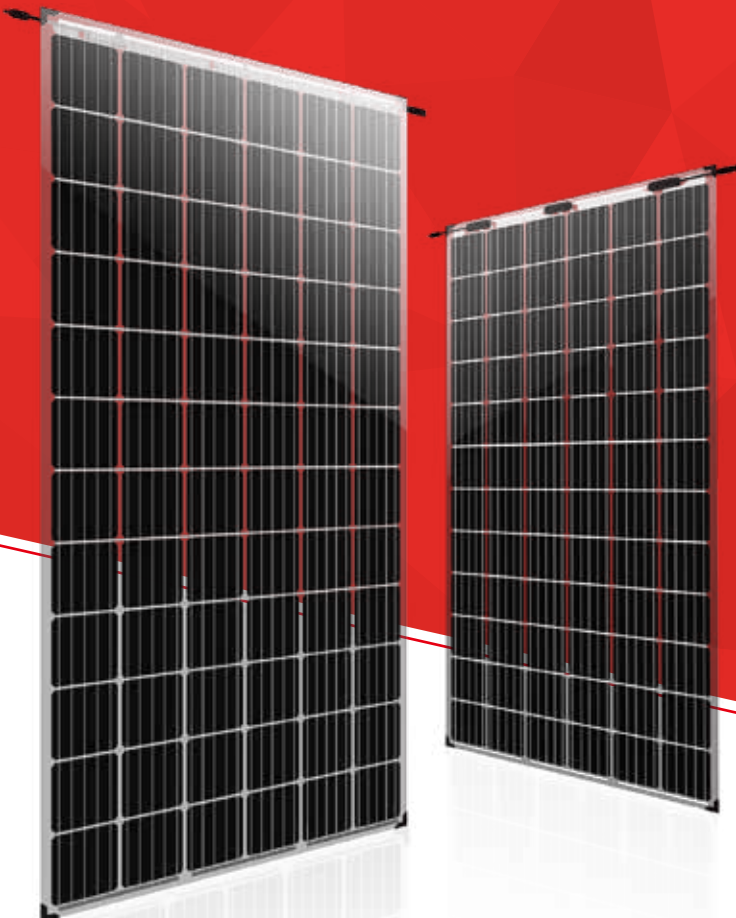


SRP-6MA-BG SERIES 6 INCH 72 CELLS

# 360-375w



## PERC BIFACIAL SOLAR MODULE

### KEY FEATURES



Enhanced safety by excellent fire resistance



Perfect for sandy, snowy and high latitude regions



Use reflected light, 5%-25% more energy generation



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



Frameless design solving the problematic issue of PID



Less maintenance due to frameless structure with less soiling and snow accumulation.

### 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

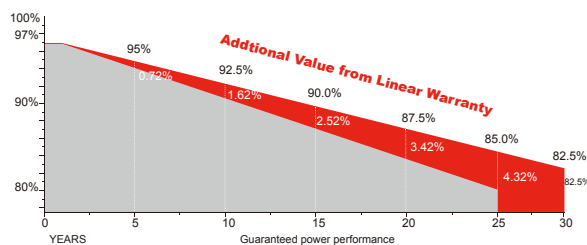
### INSURANCE



### PRODUCT CERTIFICATES



### WARRANTY

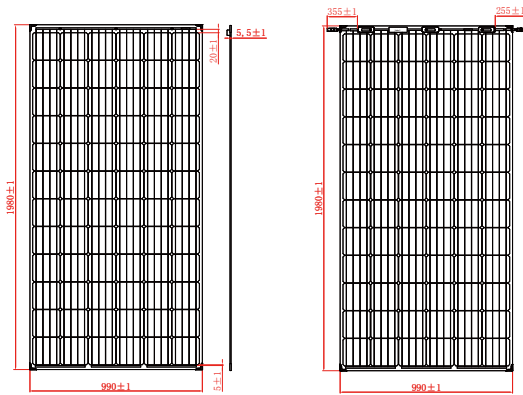


**10** Guarantee on product material and workmanship

**30** linear power output warranty

Specifications are subject to change without further notification SRP-DS-EN-2019V1.0 © 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	1980 x 990 x 5.5mm
Weight	22.5kg
Solar Cells	Mono crystalline 156.75 x 156.75 mm (72pcs)
Front Glass	2.0mm AR coating semi-tempered glass, low iron
Back Glass	2.0mm AR coating semi-tempered glass, low iron
Junction Box	IP67
Output Cables	4.0 mm <sup>2</sup> , cable length: 255mm(+), 355mm(-) Or customized
Connector	MC4 Compatible

## Packing Configuration

Container	40'HQ
Pieces per Pallet	34
Pallets per Container	22
Pieces per Container	748

## Electrical Characteristics

Module Type	SRP-360-6MA-BG		SRP-365-6MA-BG		SRP-370-6MA-BG		SRP-375-6MA-BG	
	Front	Back	Front	Back	Front	Back	Front	Back
Maximum Power -P <sub>mp</sub> (W)	360	268	365	272	370	277	375	281
Open Circuit Voltage -V <sub>oc</sub> (V)	47.9	47.3	48.1	47.5	48.3	47.7	48.5	47.9
Short Circuit Current -I <sub>sc</sub> (A)	9.61	7.11	9.69	7.17	9.77	7.25	9.86	7.31
Maximum Power Voltage -V <sub>mp</sub> (V)	39.3	39.4	39.5	39.6	39.7	39.9	39.9	40.1
Maximum Power Current -I <sub>mp</sub> (A)	9.17	6.81	9.24	6.87	9.32	6.95	9.40	7.01
Module Efficiency STC-η <sub>m</sub> (%)	18.37		18.62		18.88		19.13	
Power Tolerance (W)	(0, +4.99)							
Pmax Temperature Coefficient	-0.37%/°C							
Voc Temperature Coefficient	-0.30 %/°C							
Isc Temperature Coefficient	+0.050 %/°C							

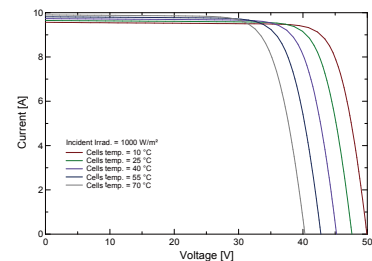
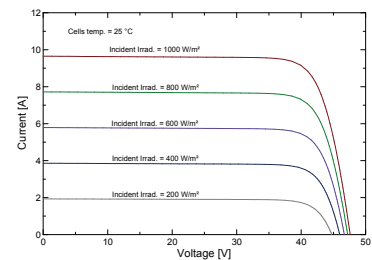
## Rear Side Power Gain(SRP-360-6MA-BG)

Power Gain	5%	10%	15%	20%	25%
Maximum Power -P <sub>mp</sub> (W)	378	396	414	432	450
Open Circuit Voltage -V <sub>oc</sub> (V)	47.9	47.9	47.9	47.9	47.9
Short Circuit Current -I <sub>sc</sub> (A)	10.09	10.57	11.05	11.52	12.01
Maximum Power Voltage -V <sub>mp</sub> (V)	39.3	39.3	39.3	39.3	39.3
Maximum Power Current -I <sub>mp</sub> (A)	9.62	10.08	10.54	10.99	11.45

## 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

## Curve



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