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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Seraphim Solar System Co., Ltd.**

**SRP-6MA-DG 335-350**

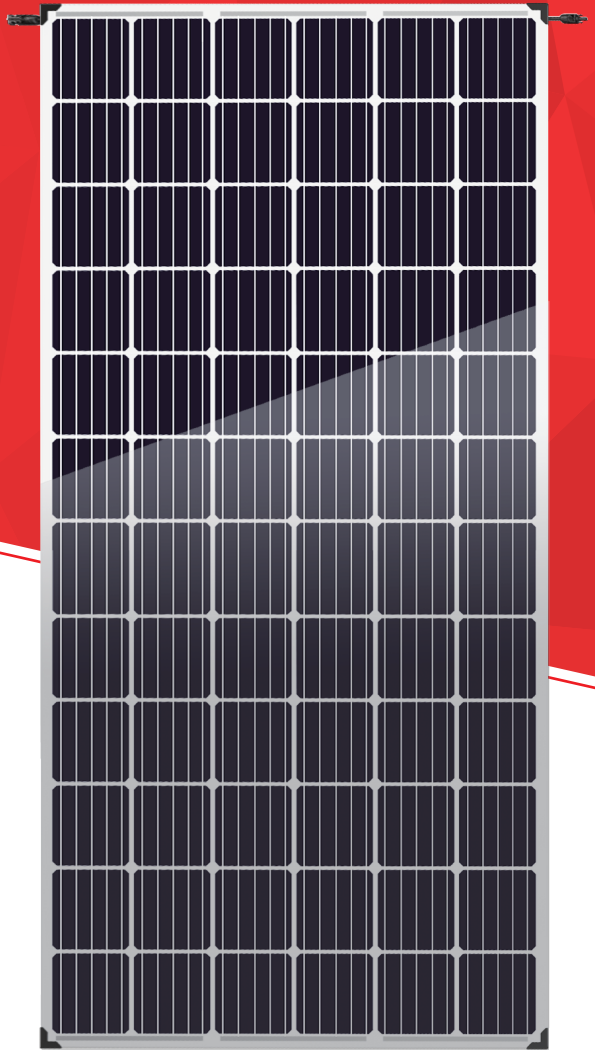
**SRP-335-6MA-DG**

Also available on the web at

[EnergyPal.com/seraphim-solar-system-co-ltd-solar-panels/srp-335-6ma-dg](http://EnergyPal.com/seraphim-solar-system-co-ltd-solar-panels/srp-335-6ma-dg)

SRP-6MA-DG SERIES 6 INCH 72 CELLS

# 335-350w



## KEY FEATURES



Enhanced safety by excellent fire resistance



Perfect for sandy, snowy and high latitude regions



Lower power degradation, more power yield, more returns



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

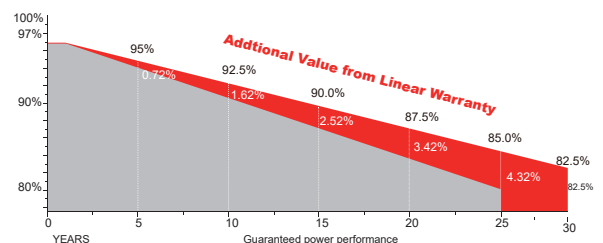
### INSURANCE

**PICC**

### PRODUCT CERTIFICATES



### WARRANTY



Guarantee on product material and workmanship



linear power output warranty

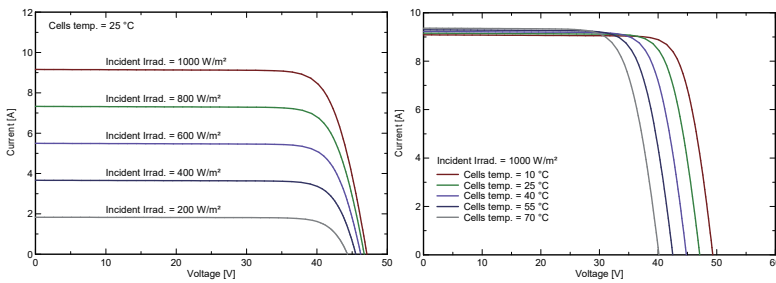
Specifications are subject to change without further notification SRP-DS-EN-2019V2.0 © Copyright 2019 Seraphim

**Electrical Characteristics**

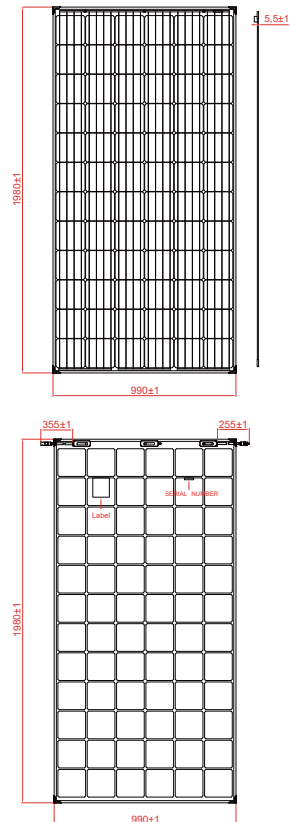
Module Type	SRP-335-6MA-DG		SRP-340-6MA-DG		SRP-345-6MA-DG		SRP-350-6MA-DG	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P <sub>mp</sub> (W)	335	248	340	252	345	256	350	260
Open Circuit Voltage -V <sub>oc</sub> (V)	46.9	43.3	47.1	43.5	47.3	43.7	47.5	43.9
Short Circuit Current -I <sub>sc</sub> (A)	9.09	7.34	9.16	7.47	9.24	7.54	9.32	7.61
Maximum Power Voltage -V <sub>mp</sub> (V)	38.2	35.8	38.5	36.1	38.7	36.3	38.9	36.5
Maximum Power Current -I <sub>mp</sub> (A)	8.77	6.93	8.84	6.99	8.92	7.06	9.00	7.13
Module Efficiency STC-η <sub>m</sub> (%)	17.09		17.35		17.60		17.86	
Power Tolerance (W)	(0,+4.99)							
Maximum System Voltage (V)	1500VDC							
Maximum Series Fuse Rating (A)	20A							
Pmax Temperature Coefficient	-0.38%/°C							
Voc Temperature Coefficient	-0.28 %/°C							
Isc Temperature Coefficient	+0.05 %/°C							
Operating Temperature	-40~+85 °C							
Nominal Operating Cell Temperature	45±2 °C							

STC: Irradiance 1000 W/m<sup>2</sup> module temperature 25°C AM=1.5  
 NOCT: Irradiance 800 W/m<sup>2</sup> ambient temperature 20°C wind speed :1m/s Power measurement tolerance: +/-3%

**I-V Curve**



**Technical drawing**



**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 Semi-tempered glass,low iron
Junction Box	IP68, 3 diodes
Output Cables	4.0 mm <sup>2</sup> , Portrait:255mm(+)/355mm(-);Landscape:1200mm
Connector	MC4 Compatible
Mechanical Load	2400 Pa

**Packing Configuration**

External Dimension	1980 x 990 x 5.5mm
Container	40'HQ
Pieces per Pallet	34
Pallets per Container	22
Pieces per Container	748

\* All Dimensions in mm  
 \* The above drawing is a graphical representation of the product.  
 For engineering quality drawings please contact SERAPHIM.