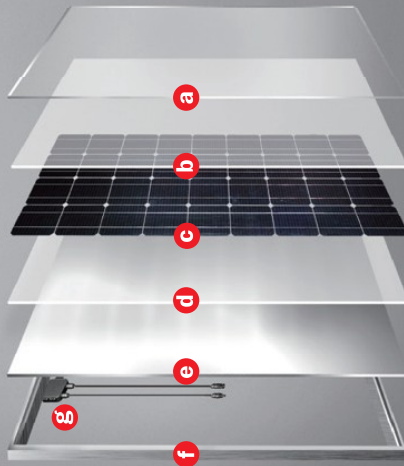


SERAPHIM
MODULE
Monocrystalline
95 Watt



- a GLASS**
 - High light transmission giving more electricity.
 - Excellent mechanical loading performance (5400 Pascal)
 - SFU-U1 certified
- b d EVA**
 - High light transmission assuring better power performance
 - High GEL and peeling strength guarantying strong encapsulation
 - Good Ultraviolet-aging resistance
 - TUV/UL certified
- c CELL**
 - Excellent efficiency and long term reliability
 - Good performance under high temperature and low irradiance conditions
 - 100% In-line Electroluminescence (EL) tested
 - Positive tolerance for each panel
 - TUV certified
- e BACKSHEET**
 - TEDLAR based encapsulation and protection
 - Good aging resistance guarantying strong durability performance
 - Excellent adhesion and Ultraviolet stability
 - TUV/UL certified
- f FRAME**
 - Anodized/ Electrophoretic aluminum means durable protection from environment
 - Unique designed profile ensuring strong mechanical loading performance
 - Silver/Black color available
- g JUNCTION BOX**
 - Reliable bypass diodes assuring good product protection
 - Locking connector working compatible worldwide
 - Excellent heat emission performance
 - IP65 or IP67 protection
 - TUV/UL certified



Warranty

- Up to +4.99W power tolerance of each panel
- 10 years guaranteed in product material
- 12 years guaranteed in 90 % minimum power output
- 25 years guaranteed in 80 % minimum power output

Insurance

Product material and performance are insured with Product Liability and Financial Injury Liability Insurance

Electrical Characteristics

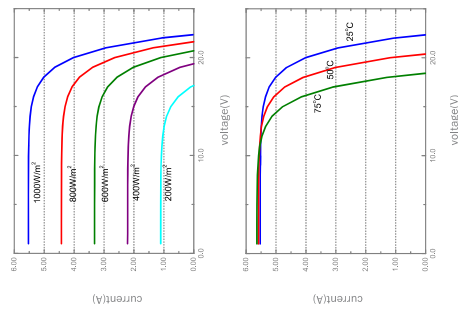
	SRP-80-5MC	SRP-85-5MC	SRP-90-5MC	SRP-95-5MC	Unit
Rated Power (Pmp)	80	85	90	95	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Power, max	84.99	89.99	94.99	99.99	W
Cell Efficiency (η_{c})	14.8~15.7	15.8~16.6	16.7~17.5	17.6~18.5	%
Module Efficiency (η_{m})	12.3~13.1	13.1~13.9	13.9~14.7	14.7~15.4	%
Open Circuit Voltage (Voc)	22.0	22.2	22.4	22.6	V
Short Circuit Current (Isc)	4.80	5.01	5.32	5.56	A
Maximum Power Voltage (Vmp)	17.8	18.1	18.1	18.2	V
Maximum Power Current (Imp)	4.49	4.69	4.98	5.21	A
Maximum System Voltage	1000 (TUUV), 600 (UL)				V
Maximum Series Fuse Rating	10				A

Standard Testing Condition : Irradiance 1000 W/m², module temperature 25 °C, AM=1.5

Temperature Characteristics

Pinax Temperature Coefficient	-0.45 %/°C
Voc Temperature Coefficient	-0.35 %/°C
Isc Temperature Coefficient	+0.04 %/°C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature (NOCT)	45±2 °C

Current-Voltage & Power-Voltage Curve (SRP-95-5MC)



ELECTRICAL EQUIPMENT
READ INSTALLATION MANUAL FIRST

SERAPHIM SOLAR SYSTEM CO., LTD
www.seraphim-energy.com

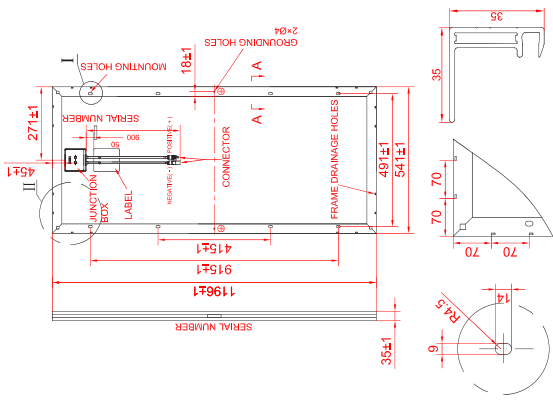
Tel : +86-519-88776028
Email : info@seraphim-energy.com

SHIFT FOR THE BETTER™

Specifications are subject to change without further notification

SRP-5M-362011-V02-EN

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Mechanical Specifications

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

Packing Configuration

External Dimensions	1196 x 541 x 35 mm
Weight	8.0 kg
Solar Cells	Monocrystalline 125 x 125mm (36pcs)
Front glass	3.2 mm tempered glass, low iron
Frame	Anodized/ Electrophoretic aluminum alloy
Junction Box	IP65/IP67 rated
Output Cables	4.0 mm ² , symmetrical lengths 900 mm
Connector	MC4 Compatible
Maximum Snow Load	550 kg/m ²
Maximum Wind Load	200 km/h
Hailstone Impact Test	80 km/h for 25mm ice ball

Container	20 GP	40 GP	40 HC
Pieces per pallet	30	30	30
Pallets per container	24	54	54
Pieces per container	7200	1620	1620