

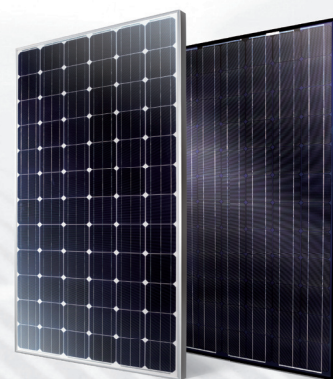
6MA

VPS PV MODULE

300~325watt

6inch 72cells
Upgraded Warranty

DuraFlex™



Electrical Characteristics

	SRP-310-6MA	SRP-315-6MA	SRP-320-6MA	SRP-325-6MA	Unit
Rated Power	310	315	320	325	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Rated Maximum Power	314.99	319.99	324.99	329.99	W
Module Efficiency (ηm)	15.98%	16.23%	16.49%	16.75%	%
Open Circuit Voltage(Voc)	45.00	45.07	45.29	45.50	V
Short Circuit Current (Isc)	8.95	9.08	9.18	9.28	A
Maximum Power Voltage (Vmp)	37.80	37.87	38.09	38.30	V
Maximum Power Current (Imp)	8.20	8.32	8.40	8.48	A
Maximum System Voltage	1000 (TUV), 600 (UL)				V
Maximum Series Fuse Rating	15				A

STC: Irradiance 1000 W/m², module temperature 25°C, AM=1.5;
Power measurement tolerance: +/-3%

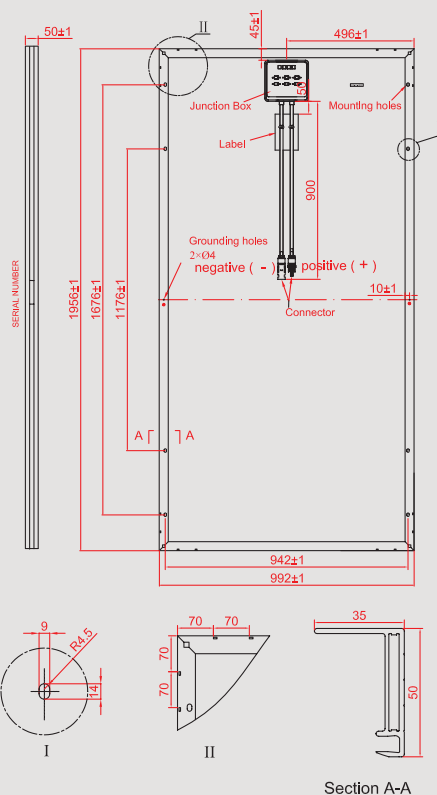
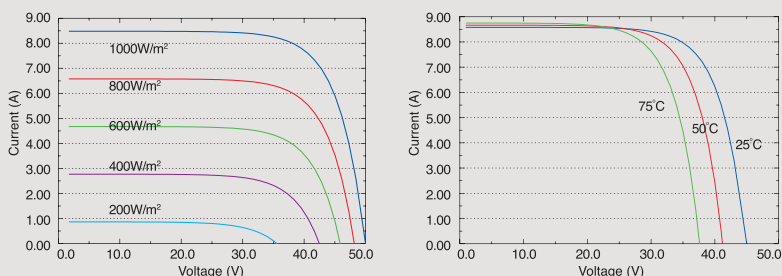
Temperature Characteristics

Pmax Temperature Coefficient	-0.43 %/°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

Packing Configuration

Container	20'GP	40'CP	40'HC
Pieces per pallet	21	21	N.A
Pallets per container	10	22	N.A
Pieces per container	210	462	N.A

Current-Voltage & Power-Voltage Curve (SRP-290-6MA)



Section A-A

* All Dimensions in mm

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

Mechanical Specifications

External Dimensions	1956 x 992 x 50 mm
Weight	24kg
Solar Cells	Monocrystalline 156 x 156mm (72pcs)
Front glass	3.2 mm tempered glass, low iron
Frame	Anodized/ Electrophoretic aluminum alloy
Junction Box	IP65/IP67
Output Cables	4.0 mm ² , symmetrical lengths 900mm
Connector	MC4 Compatible
Maximum Snow Load	550kg/m ²
Maximum Wind Load	200km/h
Hailstone Impact Test	80km/h for 25mm ice ball