

VPS PV MODULE

90~105watt

5inch 36cells
Upgraded Warranty

DuraFlex™



5MC

Electrical Characteristics

	SRP-90-5MC	SRP-95-5MC	SRP-100-5MC	SRP-105-5MC	Unit
Rated Power	90	95	100	105	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Rated Maximum Power	94.99	99.99	104.99	109.99	W
Module Efficiency (ηm)	13.91%	14.68%	15.46%	16.23%	%
Open Circuit Voltage(Voc)	22.40	22.60	22.64	22.93	V
Short Circuit Current (Isc)	5.32	5.56	5.74	5.95	A
Maximum Power Voltage (Vmp)	18.08	18.24	18.76	19.22	V
Maximum Power Current (Imp)	4.98	5.21	5.33	5.46	A
Maximum System Voltage	1000 (TUV), 600 (UL)				V
Maximum Series Fuse Rating	10				A

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

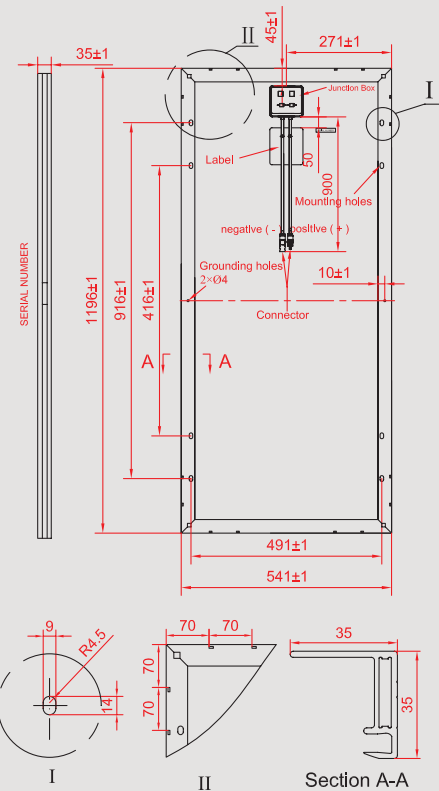
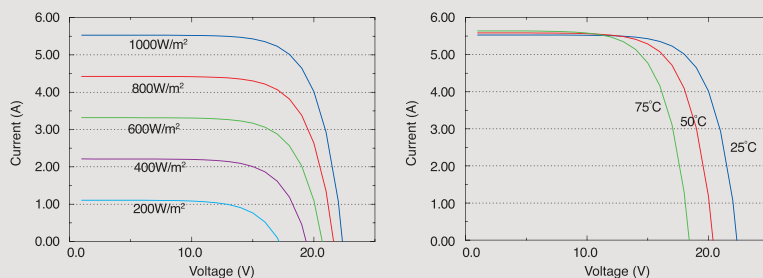
Temperature Characteristics

Pmax Temperature Coefficient	-0.43 %/°C
Voc Temperature Coefficient	-0.32 %/°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'GP	40'HC
Pieces per pallet	58	58	N.A
Pallets per container	8	18	N.A
Pieces per container	464	1044	N.A

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



* All Dimensions in mm

* The above drawing is a graphical representation of the product.

Mechanical Specifications

External Dimensions	1196 x 541 x 35 mm
Weight	8.0kg
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
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