

VPS PV MODULE

295~310watt

6inch 72cells

Upgraded Warranty

6PA

DuraFlex™



Electrical Characteristics

	SRP-295-6PA	SRP-300-6PA	SRP-305-6PA	SRP-310-6PA	Unit
Rated Power	295	300	305	310	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Rated Maximum Power	299.99	304.99	309.99	314.99	W
Module Efficiency (ηm)	15.20%	15.46%	15.72%	15.98%	%
Open Circuit Voltage(Voc)	44.93	45.14	45.36	45.58	V
Short Circuit Current (Isc)	8.64	8.74	8.85	8.95	A
Maximum Power Voltage (Vmp)	37.58	37.94	38.16	38.38	V
Maximum Power Current (Imp)	7.85	7.91	7.99	8.08	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%

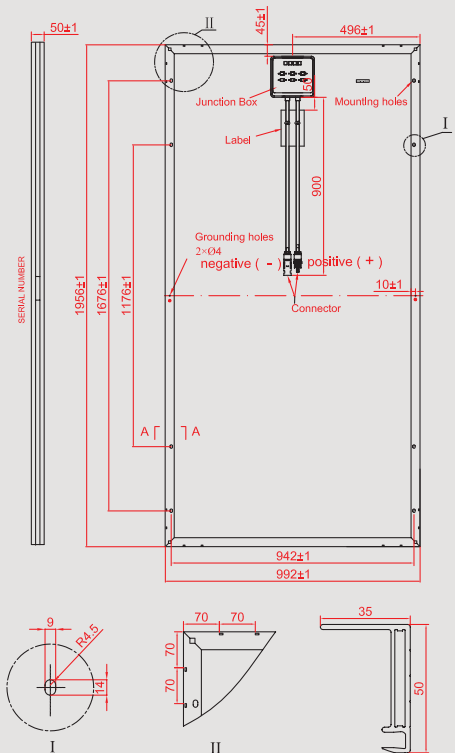
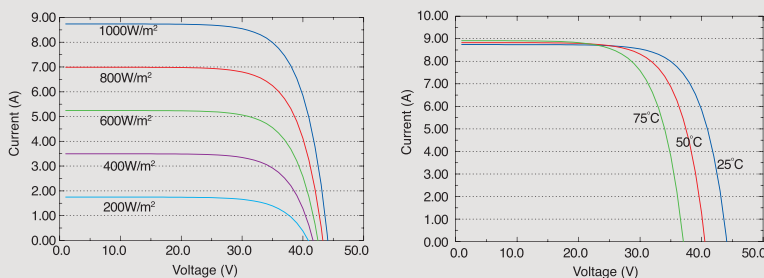
Temperature Characteristics

Pmax Temperature Coefficient	-0.42 %/°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	21	21	N.A
Pallets per container	10	22	N.A
Pieces per container	210	462	N.A

Current-Voltage & Power-Voltage Curve (SRP-295-6PA)



Section A-A

* All Dimensions in mm

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

Mechanical Specifications

External Dimensions	1956 x 992 x 50 mm
Weight	24kg
Solar Cells	Polycrystalline 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