

SERAPHIM MODULE 250W~265W

6PB SERIES

High Performance
Solar Modules

6PB

PIDFree™



Electrical Characteristics

	SRP-250-6PB	SRP-255-6PB	SRP-260-6PB	SRP-265-6PB	Unit
Rated Power at STC (Pmp)	250	255	260	265	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Maximum Power at STC	254.99	259.99	264.99	269.99	W
Minimum Module Efficiency (η_m)	15.4	15.7	16.0	16.3	%
Open Circuit Voltage (Voc)	37.7	37.8	37.9	38.0	V
Short Circuit Current (Isc)	8.50	8.65	8.80	8.94	A
Maximum Power Voltage (Vmp)	31.7	31.8	31.9	32.0	V
Maximum Power Current (Imp)	7.89	8.02	8.16	8.29	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%

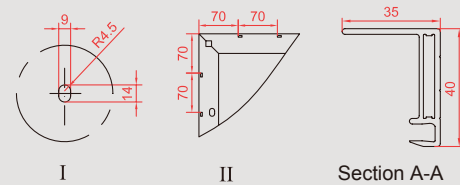
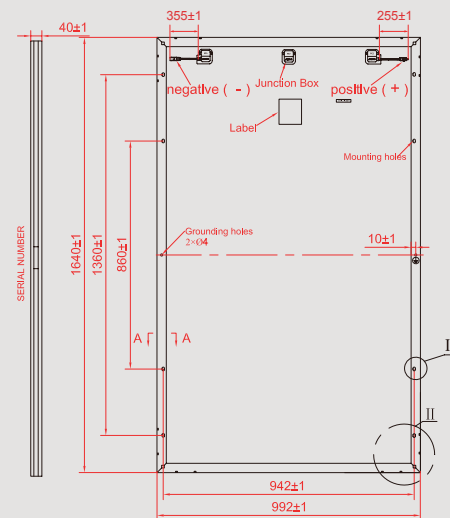
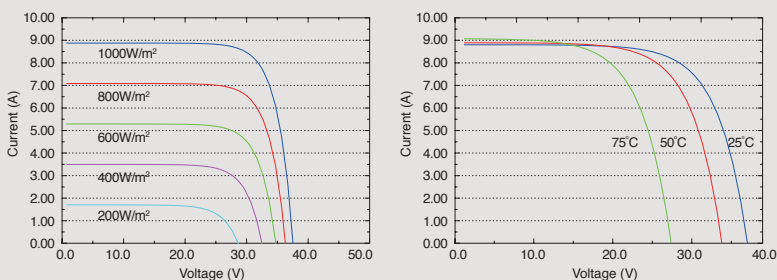
Temperature Characteristics

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	26	26	N.A
Pallets per container	12	28	N.A
Pieces per container	312	728	N.A

Current-Voltage & Power-Voltage Curve (SRP-260-6PB)



* 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	1640 x 992 x 40 mm
Weight	19.0 kg
Solar Cells	Polycrystalline 156 x 156 mm (60pcs)
Front glass	3.2 mm tempered glass, low iron
Frame	Anodized/ Electrophoretic aluminium alloy
Junction Box	IP65/IP67
Output Cables	4.0 mm ² , Negative lengths 355 mm; Positive lengths 255 mm
Connector	MC4 Compatible
Mechanical load	5400 Pa
Hailstone Impact Test	80 km/h for 25 mm ice ball