

SRP-6PB | SERIES | 6 INCH 60 CELLS



250-265_w



MANAGEMENT SYSTEM

ISO 9001: Quality management system
ISO 14001: Standard for environmental management system
OHSAS 18001: International standard for occupational health and safety assessment system

PRODUCT CERTIFICATES



WARRANTY

10 years guarantee on product material **25** years linear power output warranty

INSURANCE



Safety



Safety for salt mist corrosion (IEC61701, tested in Intertek)



Safety for ammonia corrosion (IEC62716, tested in TÜV SÜD)



Safety for fire risk (Class C, tested in TÜV SÜD and Rheinland)

Reliability



PID free products, passing TÜV SÜD system voltage durability test



World 1st company to pass "Thresher Test" and "On-site Power Measurement Validation" certificate



Bankable products

Performance



Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments



100% In-line Electroluminescence (EL) tested during production process ensures modules are high quality



Top rank in Photon yield measurement

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DuraFlex™



*DURAFLEX™ PRODUCTS ARE AVAILABLE UPON REQUEST
*BLACK FRAME / BLACK BACK-SHEET PRODUCTS ARE AVAILABLE UPON REQUEST.



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)	37.1	37.2	37.3	37.4	V
Short Circuit Current (Isc)	8.92	9.02	9.12	9.22	A
Maximum Power Voltage (Vmp)	30.0	30.2	30.3	30.4	V
Maximum Power Current (Imp)	8.35	8.45	8.59	8.73	A
Maximum System Voltage	1000 (TÜV), 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%

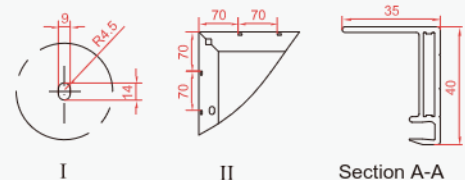
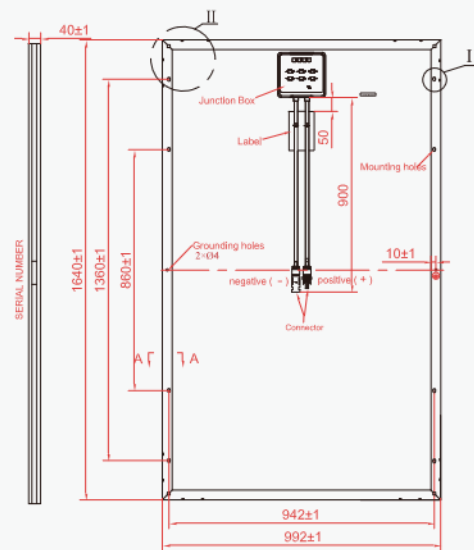
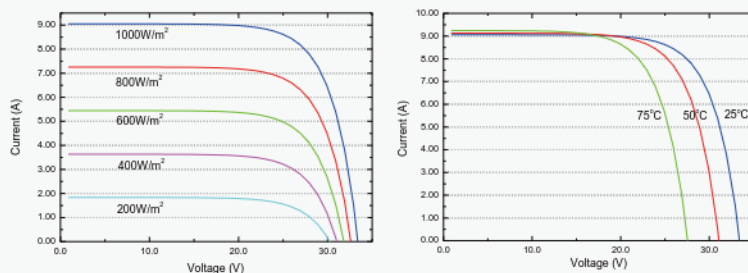
Temperature Characteristics

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 , symmetrical lengths 900 mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa
Hailstone Impact Test	80 km/h for 25 mm ice ball