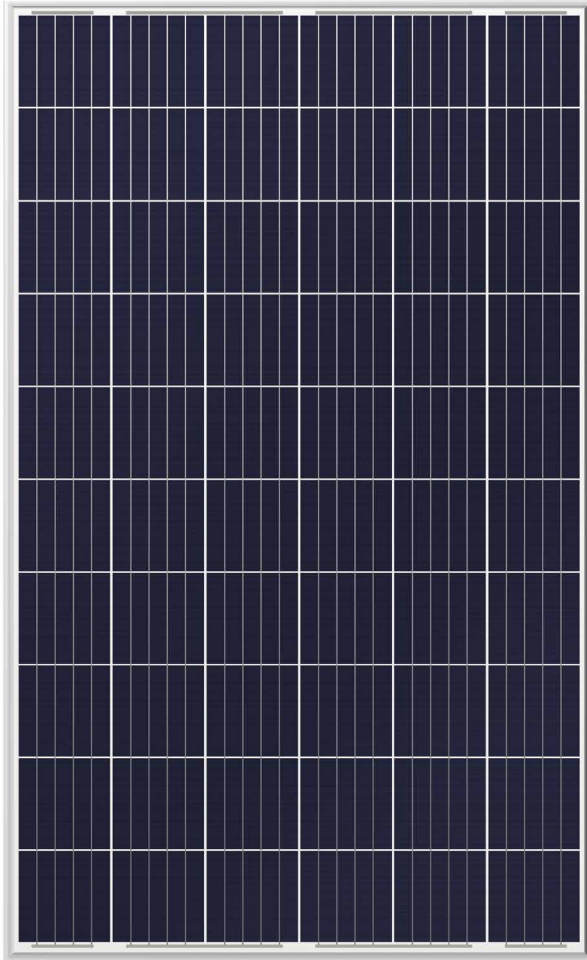


255-275_W



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

SRP-6PB SERIES 6 INCH 60 CELLS

255-275_W



DuraFlex™

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



Electrical Characteristics

	SRP-255-6PB	SRP-260-6PB	SRP-265-6PB	SRP-270-6PB	SRP-275-6PB	Unit
Rated Power at STC (P _{mp})	255	260	265	270	275	W
Power Tolerance	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	(0,+4.99)	W
Maximum Power at STC	259.99	264.99	269.55	274.99	279.99	W
Minimum Module Efficiency (η _m)	15.7	16.0	16.3	16.6	16.9	%
Open Circuit Voltage (V _{oc})	38.1	38.2	38.3	38.4	38.5	V
Short Circuit Current (I _{sc})	8.60	8.67	8.73	8.82	8.88	A
Maximum Power Voltage (V _{mp})	31.9	32.1	32.4	32.7	33.0	V
Maximum Power Current (I _{mp})	8.00	8.10	8.18	8.28	8.34	A
Maximum System Voltage	1000(TÜV), 600(UL)					V
Maximum Series Fuse Rating	15					A

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

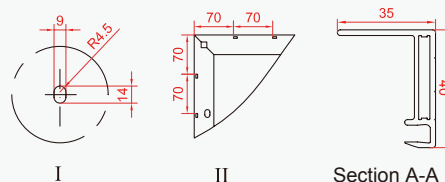
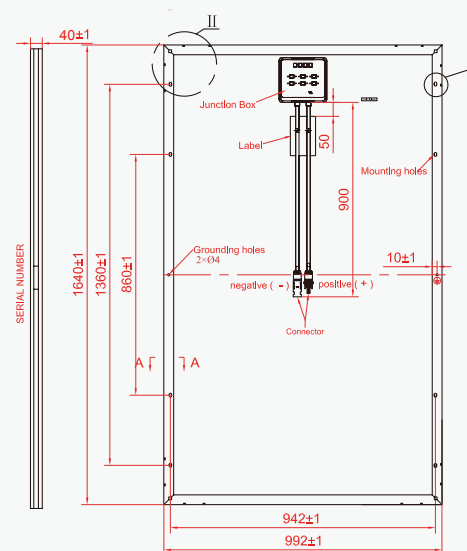
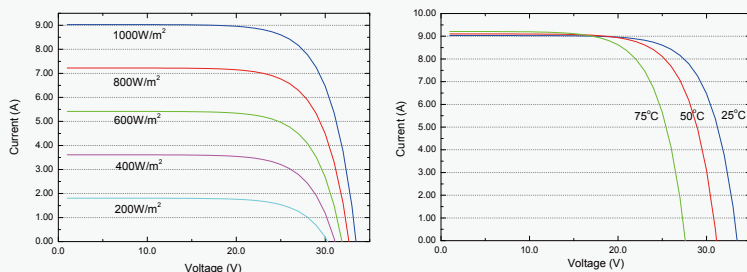
Temperature Characteristics

P _{max} Temperature Coefficient	-0.42%/°C
V _{oc} Temperature Coefficient	-0.32%/°C
I _{sc} 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	19.0kg
Solar Cells	Polycrystalline 156 x 156 mm (60pcs)
Front Glass	3.2mm tempered glass, low iron
Frame	Anodized/ Electrochromic aluminium alloy
Junction Box	IP65/IP67
Output Cables	4.0mm ² , symmetrical lengths 900mm
Connector	MC4 Compatible
Mechanical Load	5400 Pa
Hailstone Impact Test	80km/h for 25mm ice ball