

SEBP60W

265-280W

2mm+2mm
Thickness

17.0%
Max efficiency

30 years
Warranty



Assemble with thinner and lighter glass in only 2mm



Great heat dissipation by replacing backsheet with glass to increase power generation



PID free by frameless design



Fully symmetrical structure to prevent micro crack



Encapsulate with POE, lower waterpermeability, to avoid delamination



No snail trail



Highly anti-corrosion, such as ammonia or saline



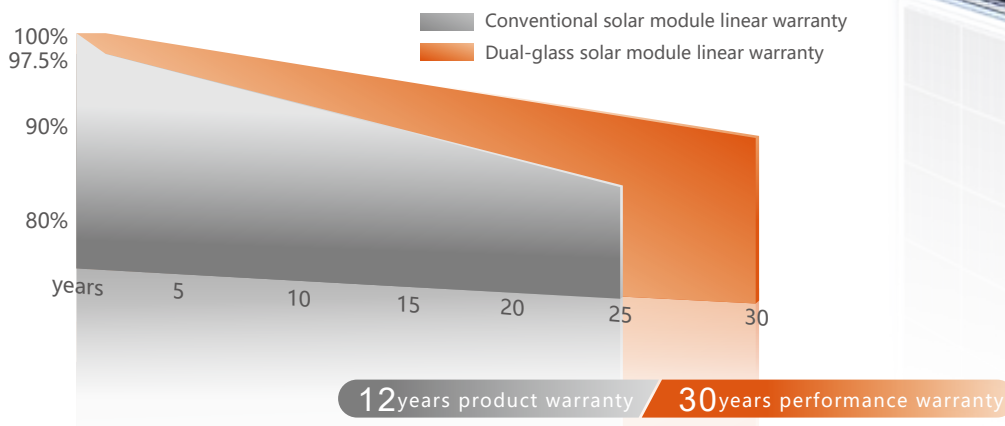
30-year linear performance warranty ensure higher ROI of the power plant



Class A fire protection lead to better flame resistance, ideal for rooftop system



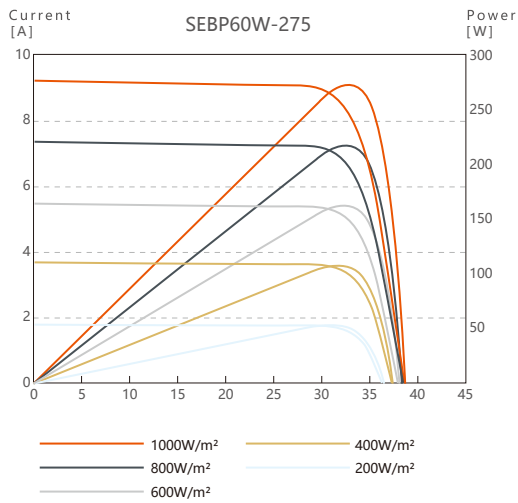
Dual-glass solar module linear warranty



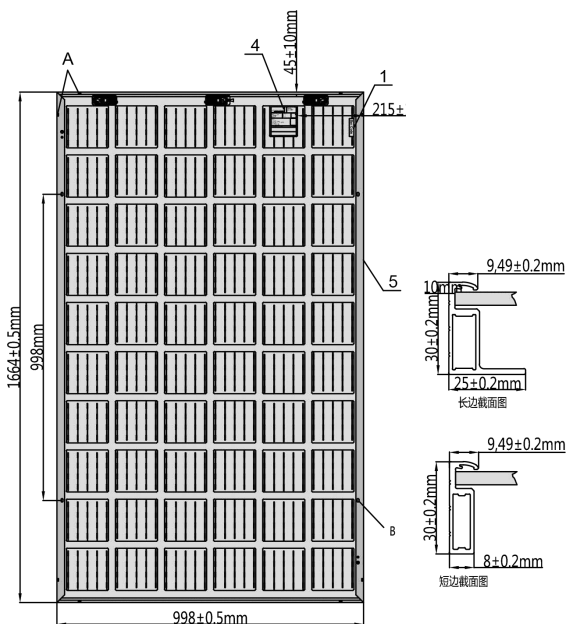
SEBP60W

265-280W

I-V & P-V Curve



DIMENSION(mm)



ELECTRICAL SPECIFICATION (STC)

| Module | SEBP60W -265 | SEBP60W -270 | SEBP60W -275 | SEBP60W -280 |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| Rated Power (Pmpp) (W) | 265 | 270 | 275 | 280 |
| Power Output Tolerance (W) | 0~+5 | | | |
| Rated Current (Impp) (A) | 8.50 | 8.57 | 8.62 | 8.67 |
| Rated Voltage (Vmpp) (V) | 31.24 | 31.51 | 31.94 | 32.31 |
| Short Circuit Current (Isc) (A) | 8.95 | 9.04 | 9.16 | 9.24 |
| Open Circuit Voltage (Voc) (V) | 38.09 | 38.51 | 38.72 | 39.30 |
| Efficiency(%) | 16.1 | 16.4 | 16.7 | 17.0 |
| Operational Temperature | -40~+85°C | | | |
| Maximum Static Load | 5400Pa | | | |
| Maximum Wind Load | 3600Pa | | | |
| Maximum System Voltage | IEC:1000/1500V | | | |
| Maximum Series Fuse Rating | 20A | | | |

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.

ELECTRICAL DATA (NOCT)

| | | | | |
|---------------------------------|--------|--------|--------|--------|
| Maximum Power (Pmax) (W) | 198.13 | 201.75 | 205.22 | 208.60 |
| Maximum Power Voltage (Vmp) (V) | 29.26 | 29.50 | 29.69 | 29.92 |
| Maximum Power Current (Imp) (A) | 6.77 | 6.84 | 6.91 | 6.97 |
| Open Circuit Voltage (Voc) (V) | 35.61 | 36.01 | 36.19 | 36.63 |
| Short Circuit Current (Isc) (A) | 7.21 | 7.29 | 7.38 | 7.45 |

NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL SPECIFICATION

| | |
|-------------------|-------------------------------|
| Cell Type | Poly-crystalline |
| Cell Orientation | 156.75mm × 156.75mm |
| Module Dimensions | 1664±0.5mm × 998±0.5mm × 30mm |
| Weight | 20.8kg |
| Front Glass | 2mm tempered AR glass |
| Encapsulant | POE |
| Back Glass | 2mm ceramic coated glass |
| Junction Box | IP68 (three bypass diodes) |
| Cable | 4mm ² |
| Connector | MC4 / MC4 equivalent |

TEMPERATURE COEFFICIENT

| | |
|--|------------|
| NOCT(Nominal Operating Cell Temperature) | 45±2°C |
| Temperature Coefficient of Isc | +0.041%/°C |
| Temperature Coefficient of Voc (β) | -0.307%/°C |
| Temperature Coefficient of Pmpp (γ) | -0.399%/°C |

PACKAGING CONFIGURATION

| | |
|---------------------------|------------|
| Modules per box | 34 pieces |
| Modules per 40' container | 884 pieces |

* Declaration:

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