

## SEBP72W

325-335W

1.6mm+1.6mm  
Thickness

17.1%  
Max efficiency

30<sub>years</sub>  
Warranty



Assemble with thinner and lighter glass in only 1.6mm



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



Frame design , easy of transportation and installation



Fully symmetrical structure to prevent micro crack



Highly anti-corrosion, such as ammonia or saline



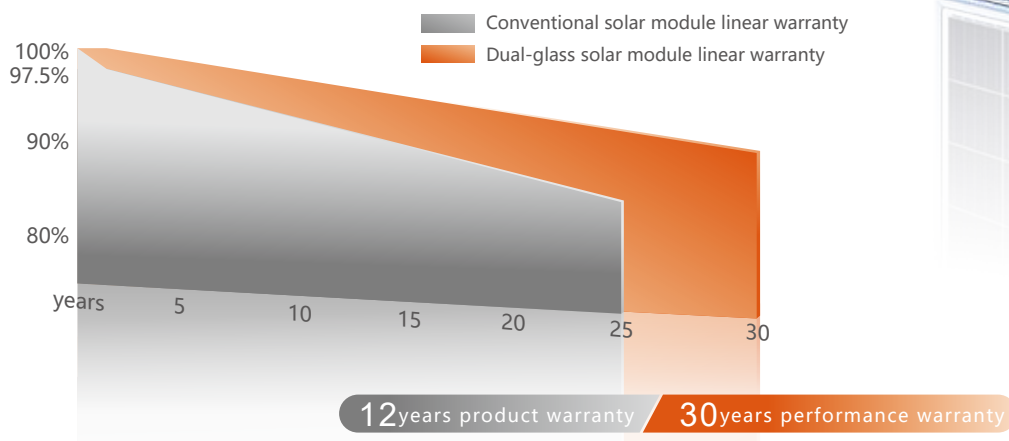
No snail trail



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



### Dual-glass solar module linear warranty



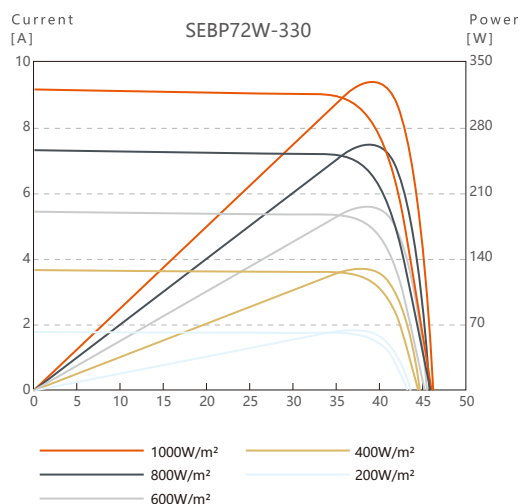
# SEBP72W

## 325-335W

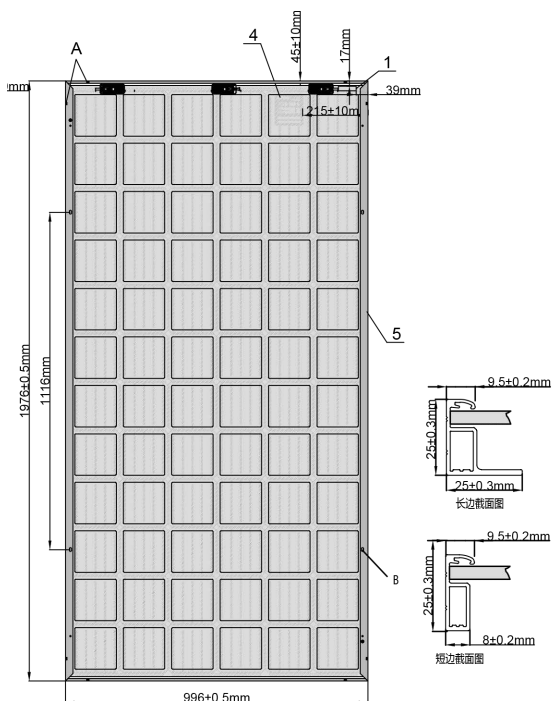
# PTEROSAUR®

## DUAL GLASS MODULE

### I-V & P-V Curve



### DIMENSION(mm)



#### \* Declaration:

The technical specifications in this document may be slightly biased and Amaden does not guarantee its complete accuracy. Due to continuous technological innovation and product optimization, Almaden reserves the right to adjust the specification in this document at any time without prior notice. When signing a contract, the client should obtain the latest product datasheet as part of a binding contract.

### ELECTRICAL SPECIFICATION (STC)

| Module                          | SEBP72W-325    | SEBP72W-330 | SEBP72W-335 |
|---------------------------------|----------------|-------------|-------------|
| Rated Power (Pmpp) (W)          | 325            | 330         | 335         |
| Power Output Tolerance (W)      | 0~+5           |             |             |
| Rated Current (Impp) (A)        | 8.64           | 8.71        | 8.78        |
| Rated Voltage (Vmpp) (V)        | 37.64          | 37.89       | 38.15       |
| Short Circuit Current (Isc) (A) | 9.06           | 9.14        | 9.26        |
| Open Circuit Voltage (Voc) (V)  | 45.82          | 45.92       | 46.10       |
| Efficiency(%)                   | 16.6           | 16.9        | 17.1        |
| Operational Temperature         | -40~+85°C      |             |             |
| Maximum Static Load             | 2400Pa         |             |             |
| Maximum Wind Load               | 2400Pa         |             |             |
| Maximum System Voltage          | IEC:1000/1500V |             |             |
| Maximum Series Fuse Rating      | 20A            |             |             |

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.

### ELECTRICAL DATA (NOCT)

|                                 |        |        |        |
|---------------------------------|--------|--------|--------|
| Maximum Power (Pmax) (W)        | 240.39 | 243.73 | 247.28 |
| Maximum Power Voltage (Vmp) (V) | 34.92  | 35.08  | 35.18  |
| Maximum Power Current (Imp) (A) | 6.88   | 6.95   | 7.03   |
| Open Circuit Voltage (Voc) (V)  | 42.42  | 42.50  | 42.67  |
| Short Circuit Current (Isc) (A) | 7.32   | 7.38   | 7.48   |

NOCT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

### MECHANICAL SPECIFICATION

|                   |                               |
|-------------------|-------------------------------|
| Cell Type         | Poly-crystalline              |
| Cell Orientation  | 156.75mm × 156.75mm           |
| Module Dimensions | 1976±0.5mm × 996±0.5mm × 25mm |
| Weight            | 20.5kg                        |
| Front Glass       | 1.6mm tempered AR glass       |
| Encapsulant       | EVA                           |
| Back Glass        | 1.6mm ceramic coated glass    |
| Junction Box      | IP68 (three bypass diodes)    |
| Cable             | 4mm <sup>2</sup>              |
| Connector         | MC4 / MC4 equivalent          |

### TEMPERATURE COEFFICIENT

|                                          |             |
|------------------------------------------|-------------|
| NOCT(Nominal Operating Cell Temperature) | 45±2°C      |
| Temperature Coefficient of Isc           | +0.0464%/°C |
| Temperature Coefficient of Voc (β)       | -0.3019%/°C |
| Temperature Coefficient of Pmpp (γ)      | -0.3902%/°C |

### PACKAGING CONFIGURATION

|                           |            |
|---------------------------|------------|
| Modules per box           | 33 pieces  |
| Modules per 40' container | 726 pieces |