

SEBP72W

325-335W

2mm+2mm
Thickness

17.1%
Max efficiency

30years
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



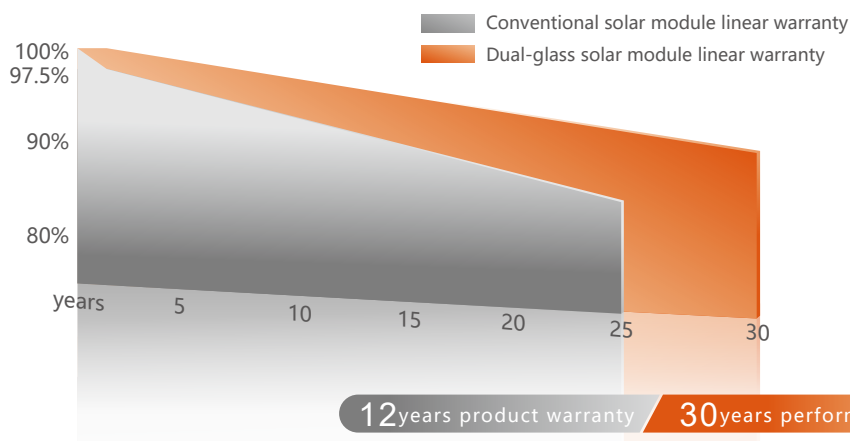
Highly anti-corrosion, such as ammonia or saline



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



Dual-glass solar module linear warranty



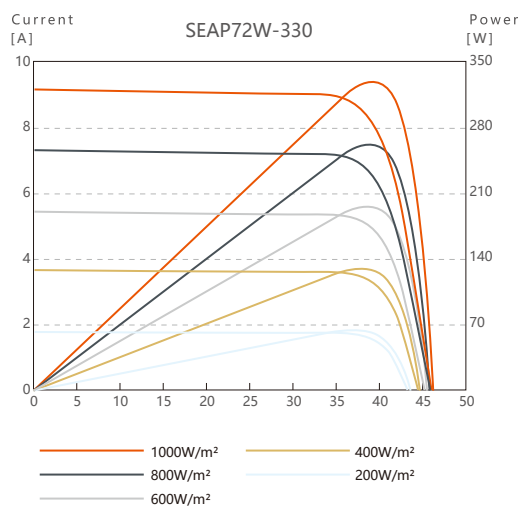
SEAP72W

325-335W

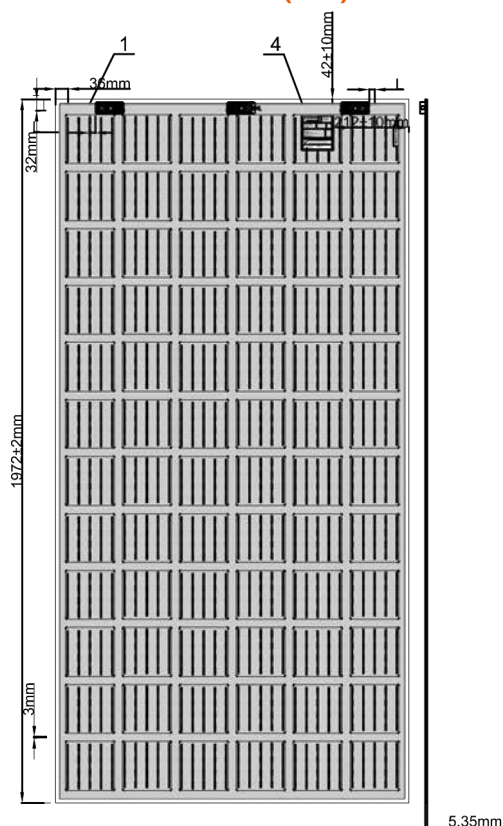
PTEROSAUR®

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, Amaden 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	SEAP72W-325	SEAP72W-330	SEAP72W-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/m2, 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/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL SPECIFICATION

Cell Type	Poly-crystalline
Cell Orientation	156.75mm × 156.75mm
Module Dimensions	1972±2mm × 992±2mm × 5mm (J-box and edge sealing not included)
Weight	23.3kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm ceramic coated glass
Junction Box	IP68 (three bypass diodes)
Cable	4mm²
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