

**Almaden**<sup>®</sup>

**2mm+2mm**  
Thickness

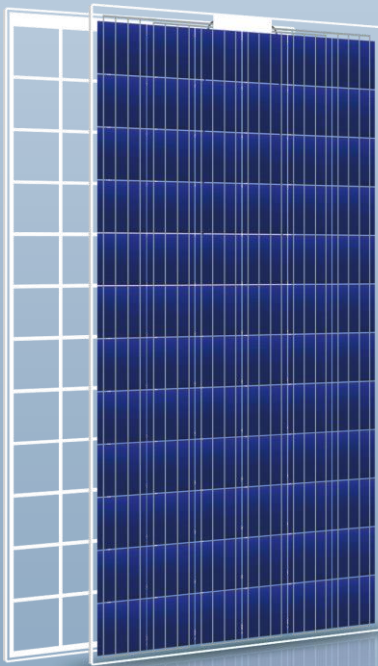
**23.3 kg**  
Weight

**16.5%**  
Max efficiency

**72 cells**  
Polycrystalline

**310-325W**  
Power Output

**FRAMELESS**



SEAP72



  
PTEROSAUR<sup>®</sup>  
**DUAL GLASS MODULE**



**Super Weather Resistance**

Absolute water-proof, Anti-corrosion by acid, alkaline and ammonia, Anti-friction. Better thermal dissipation. 30+ years without worry.



**PID Free**

Potential induced degradation (PID) free guaranteed.



**Micro-Crack Free**

No micro-cracks under harsh transportation, complicated handling and installation conditions, and during lifetime module operation.



**Fire Class A**

Glass-glass design helps to save module from damages caused by arc and hot spots, eliminating potential dangers of fire.



**Extended warranty**

- 10 years product warranty on workmanship & materials.
- 30 years linear power output warranty.



**Cleaning with ease**

Frameless design, no dust trapped on the edge.

## ELECTRICAL SPECIFICATION (STC)

Module	SEAP72-310	SEAP72-315	SEAP72-320	SEAP72-325
Rated Power (P <sub>mpp</sub> )	310W	315W	320W	325W
Rated Current (I <sub>mpp</sub> )	8.39A	8.46A	8.51A	8.55A
Rated Voltage (V <sub>mpp</sub> )	36.90V	37.20V	37.60V	38.00V
Short Circuit Current (I <sub>sc</sub> )	8.82A	8.89A	9.01A	9.06A
Open Circuit Voltage (V <sub>oc</sub> )	46.90V	47.20V	45.70V	46.10V

## MECHANICAL SPECIFICATION

Cell Type	Poly-crystalline
Cell Dimension	156mm × 156mm
Module Dimension	1980mm × 990mm × 5mm (J-box not included)
Weight	23.3kg
Front Glass	2mm tempered AR glass
Back Glass	2mm tempered glass / 2mm ceramic coated glass

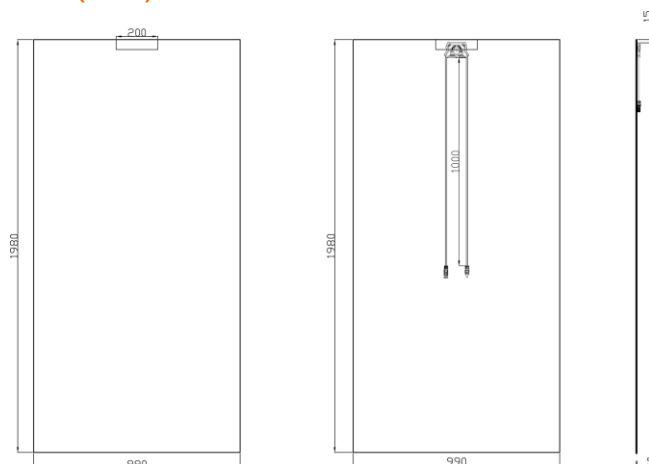
## TEMPERATURE COEFFICIENT

Nominal Operating Cell Temperature	NOCT	°C	46±2
Temperature Coefficient of I <sub>sc</sub>	α	%/°C	+0.056
Temperature Coefficient of V <sub>oc</sub>	β	%/°C	-0.353
Temperature Coefficient of P <sub>mpp</sub>	γ	%/°C	-0.485

## LIMITS

Operational Temperature	°C	-40~+85
Maximum Static Load	Pa	5400
Maximum Wind Load	Pa	2400
Maximum System Voltage	V(DC)	IEC:1000 UL:600
Maximum Series Fuse Rating	A	15

## DIMENSION(mm)



AMD-EN-JUL-16.6

## Packaging Configuration

Modules per box: 38 pieces

Modules per 40' container: 836 pieces