

## SEAB60T

295-310W

**Bifacial**  
Solar cell

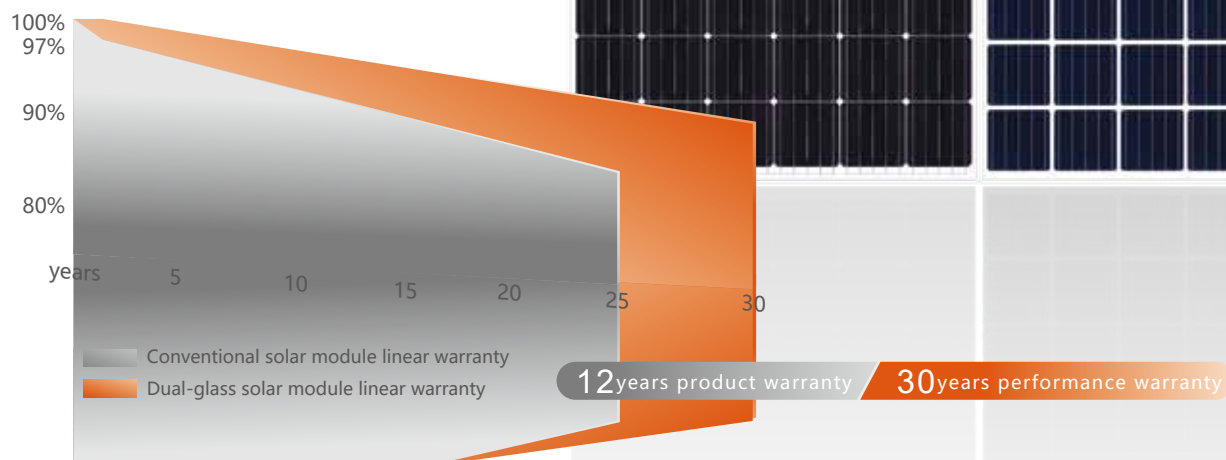
**18.8%**  
Max efficiency

**30 years**  
Warranty

**2mm+2mm**  
Thickness



### Dual-glass solar module linear warranty



Power generated on both sides, up to 30% yield increasing



Assemble with thinner and lighter glass in only 2mm



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



Fully symmetrical structure to prevent micro crack



Encapsulate with POE, lower water permeability, to avoid delamination



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

### Production Facility:

1. Changzhou Almaden Co., Ltd
2. ALMADEN MENA FZE
3. GuiAn New District Almaden Photoelectric material Co., Ltd



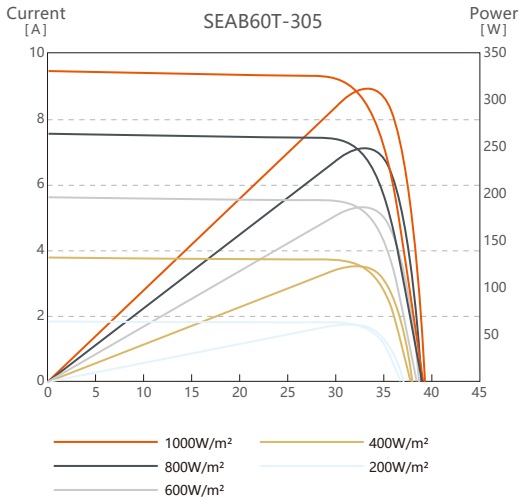
# SEAB60T

## 295-310W



# DUAL GLASS MODULE

### I-V & P-V Curve

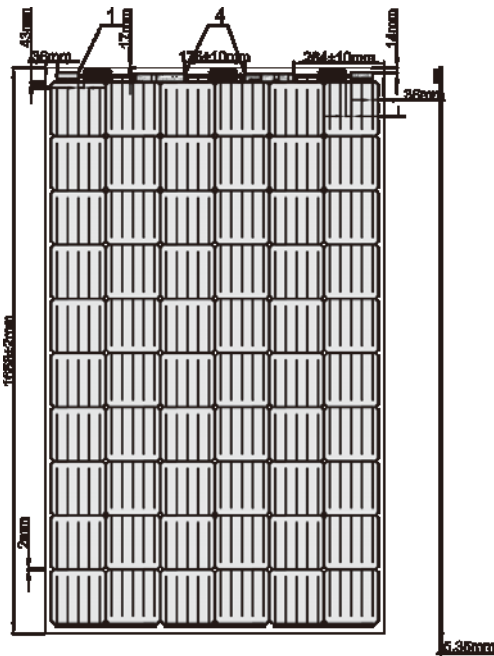


### ELECTRICAL SPECIFICATION (STC)

Module	SEAB60T-295	SEAB60T-300	SEAB60T-305	SEAB60T-310
Rated Power (Pmpp) (W)	295	300	305	310
Power Output Tolerance (W)	0~+5			
Rated Current (Impp) (A)	9.04	9.13	9.18	9.23
Rated Voltage (Vmpp) (V)	32.64	32.89	33.23	33.59
Short Circuit Current (Isc) (A)	9.64	9.68	9.73	9.77
Open Circuit Voltage (Voc) (V)	39.48	39.58	39.77	39.97
Efficiency(%)	17.9	18.2	18.5	18.8
Operational Temperature	-40~+85°C			
Designed Mechanical Load	2800/1600Pa			
Maximum System Voltage	1500V			
Maximum Series Fuse Rating	20A			

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

### DIMENSION(mm)



### ELECTRICAL DATA (NOCT)

	SEAB60T-295	SEAB60T-300	SEAB60T-305	SEAB60T-310
Maximum Power (Pmax) (W)	221.22	225.04	228.43	232.01
Maximum Power Voltage (Vmp) (V)	30.46	30.62	30.90	31.13
Maximum Power Current (Imp) (A)	7.26	7.35	7.39	7.45
Open Circuit Voltage (Voc) (V)	37.18	37.26	37.40	37.47
Short Circuit Current (Isc) (A)	7.74	7.81	7.85	7.91

NOCT: Irradiance at (1+0.1BiF)800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

### MECHANICAL SPECIFICATION

Cell Type	bifacial cells
Cell Orientation	156.75mm × 156.75mm
Module Dimensions	1658±2mm × 992±2mm × 5mm (J-box and edge sealing not included)
Weight	20.0kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm tempered glass
Junction Box	IP68 (three bypass diodes)
Cable	4mm <sup>2</sup>
Connector	Z4S-abcde

### TEMPERATURE COEFFICIENT

NOCT(Nominal Operating Cell Temperature)	45±2°C
Temperature Coefficient of Isc	+0.0484%/°C
Temperature Coefficient of Voc (β)	-0.2883%/°C
Temperature Coefficient of Pmpp (γ)	-0.3797%/°C

### PACKAGING CONFIGURATION

Modules per box	33 pieces
Modules per 40' container	858 pieces

\* 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.