

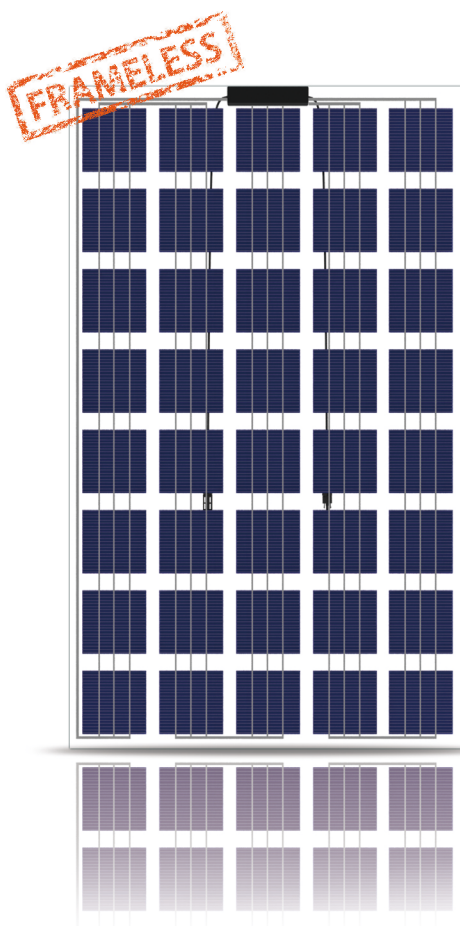
# SEE-THROUGH GLASS-GLASS MODULE

**BIPV materials for solar greenhouses & shadings**

## SEAP40 SERIES

SEAP40-155/160/165/170

Transparency: 35%



CEC



### Sleek module design – Ultrathin-Ultralight

No frame, no back sheet. 2mm physically tempered glass exclusively as front and back protection material.



### Aesthetic view

The see-through design delivers unique aesthetic sense. It's the ideal option as sunlight roofs, corridors, patios and canopies for greenhouses, home and resorts.



### Outstanding wind/snow load performance

Certified to withstand high wind loads of 2400pa & snow loads of 5400pa.



### 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.



### Supreme fire resistancy

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.



### Positive power output tolerance

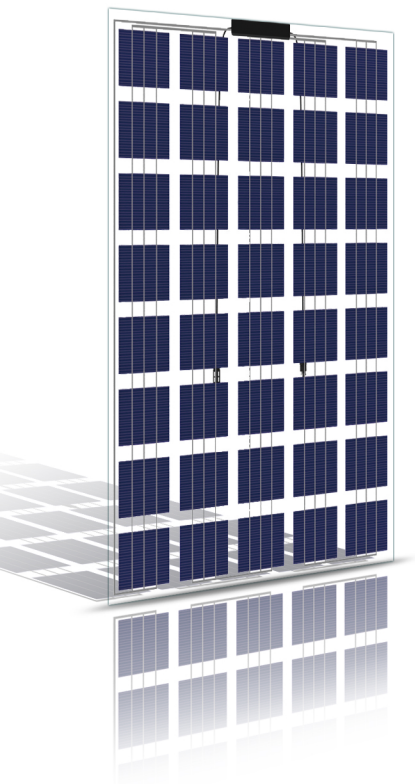
0/+5W positive tolerance.



### Cleaning with ease

Frameless design, no dust trapped on the edge.

## Performance test



## SEAP40 POLY SERIES

### ELECTRICAL SPECIFICATION (STC)

Model	SEAP40-155	SEAP40-160	SEAP40-165	SEAP40-170
Rated Power (Pmpp)	155W	160W	165W	170W
Rated Current (Impp)	7.57A	7.77A	8.00A	8.25A
Rated Voltage (Vmpp)	20.52V	20.58V	20.62V	20.67V
Short Circuit Current (Isc)	8.10A	8.31A	8.56A	8.83A
Open Circuit Voltage (Voc)	25.49V	25.56V	25.61V	25.67V

### MECHANICAL SPECIFICATION

Cell Type	Poly-crystalline
Cell Dimension	156mm × 156mm
Mouldle Dimension	1652mm × 986mm × 5mm (J-box not included)
Weight	19kg
Front Glass	2mm tempered ARC glass
Back Glass	2mm tempered glass

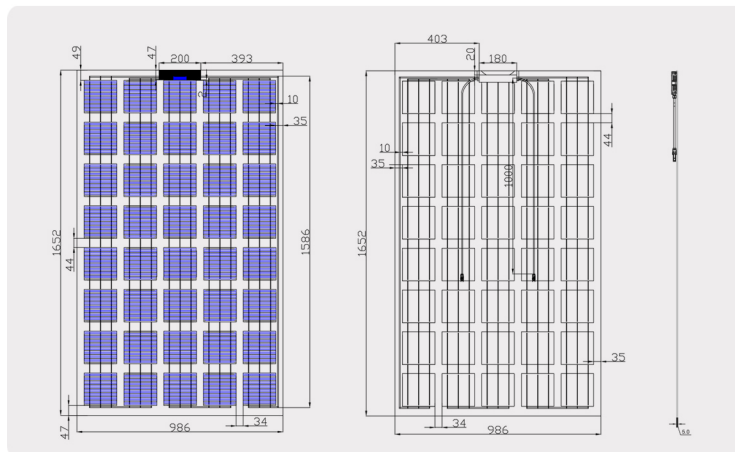
### TEMPERATURE COEFFICIENT

Nominal Operating Cell Temperature	NOCT	°C	46±2
Temperature Coefficient of Isc	$\alpha$	%/°C	+0.056
Temperature Coefficient of Voc	$\beta$	%/°C	-0.353
Temperature Coefficient of Pmpp	$\gamma$	%/°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)



**Almaden®**