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EnergyPal

Solar Panel Guide Specification Data Sheet

Changzhou Almaden Co., Ltd.

SEAM60

SEAM60-265

Also available on the web at
EnergyPal.com/changzhou-almaden-co-ltd-solar-panels/seam60-265

2mm+2mm
Thickness

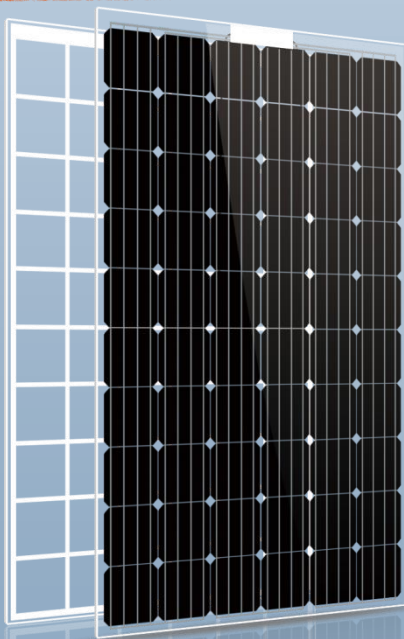
19.6 kg
Weight

17.0%
Max efficiency

60 cells
Monocrystalline

265-280W
Power Output

FRAMELESS



SEAM60



PTEROSAUR®

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	SEAM60-265	SEAM60-270	SEAM60-275	SEAM60-280
Rated Power (P _{mpp})	265W	270W	275W	280W
Rated Current (I _{mpp})	8.66A	8.79A	8.91A	9.04A
Rated Voltage (V _{mpp})	30.61V	30.73V	30.85V	30.97V
Short Circuit Current (I _{sc})	9.26A	9.38A	9.52A	9.65A
Open Circuit Voltage (V _{oc})	38.17V	38.38V	38.51V	38.65V

MECHANICAL SPECIFICATION

Cell Type	Mono-crystalline
Cell Dimension	156.75mm × 156.75mm
Module Dimension	1662mm × 990mm × 5mm (J-box not included)
Weight	19.6kg
Front Glass	2mm tempered AR glass
Back Glass	2mm tempered glass / 2mm ceramic coated glass

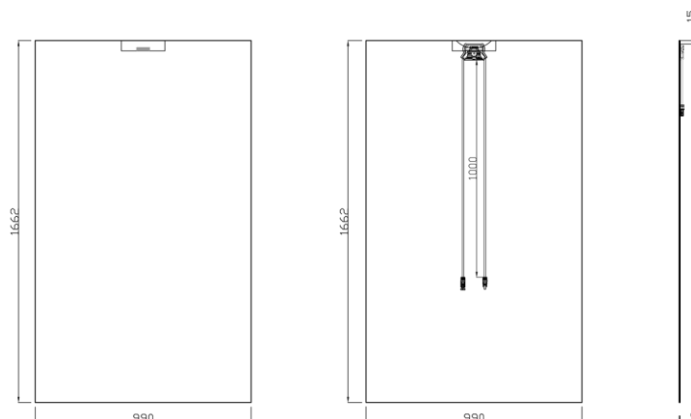
TEMPERATURE COEFFICIENT

Nominal Operating Cell Temperature	NOCT	°C	46±2
Temperature Coefficient of I _{sc}	α	%/°C	+0.08
Temperature Coefficient of V _{oc}	β	%/°C	-0.38
Temperature Coefficient of P _{mpp}	γ	%/°C	-0.49

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-APP-16.5

Packaging Configuration

Modules per box: 38 pieces
 Modules per 40' container: 988 pieces