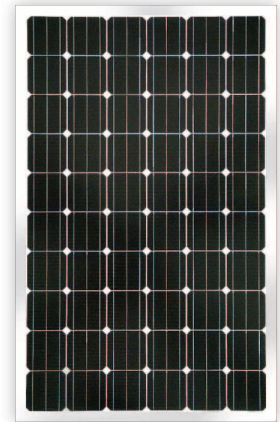


# Caymax™ Module

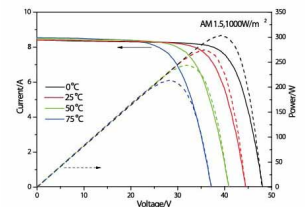
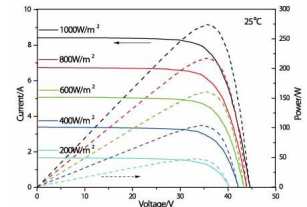
## Specifications

Type	305-72M	300-72M	295-72M	290-72M	285-72M
Peak Power (Pmpp)	305	300	295	290	285
Open Circuit Voltage (Voc)	44.9	44.8	44.6	44.5	44.4
Short Circuit Current (Isc)	8.87	8.80	8.73	8.67	8.60
Optimum operating Voltage (Vmpp)	36.2	36.1	35.9	35.8	35.7
Optimum operating Current (Impp)	8.43	8.32	8.22	8.11	7.99
Module efficiency	15.75%	15.49%	15.23%	14.98%	14.72%
Maximum system voltage [V]	1000				
Voltage temperature coefficient	-0.307%/K				
Current temperature coefficient	+0.039%/K				
Power temperature coefficient	-0.423%/K				
Series fuse rating[A]	15				
Cells	6x12 pieces monocrystalline solar cells series strings 156mmx156mm (6inch)				
Junction box	with 6 bypass diodes				
Cable	length 900 mm (35.4inch), 1x4 mm <sup>2</sup> (0.16in <sup>2</sup> )				
Front glass	white toughened safety glass, 3.2 mm				
Cell encapsulation	EVA (Ethylene-Vinyl-Acetate)				
Back sheet	composite film				
Frame	anodised aluminium profile				
Dimensions	1956x990x50mm (LxWxH) [76.98x38.98x1.97inch]				
Weight	23.8kg (52.4lbs)				

The electrical data relates to standard test conditions [STC]: 1,000 W/m<sup>2</sup>; AM 1.5; 25°C.  
Performance deviation of Pmpp: ± 3%; Performance deviation of Voc, Isc, Vmp and Imp: ± 10%.  
Certified in accordance with IEC61215, IEC61730-1/2 and UL1703.



## IV-Curves



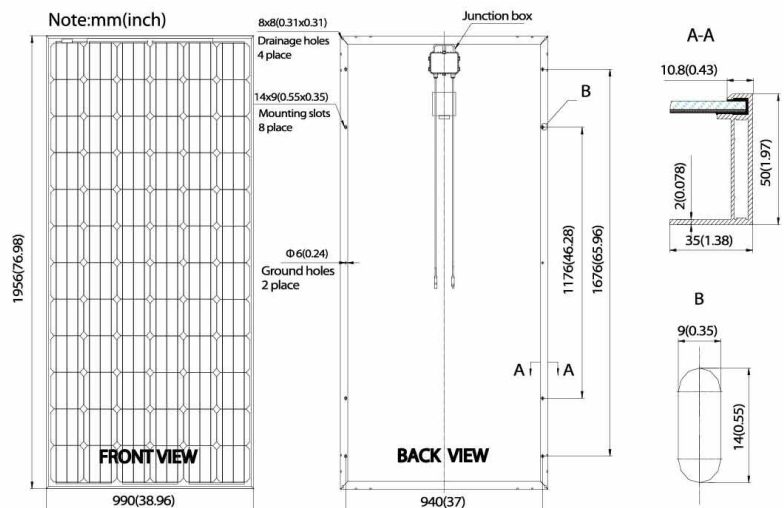
## Operating Condition

Maximum surface load capacity	tested up to 5,400 Pa according to IEC 61215
Hail	maximum diameter of 25 mm with impact speed of 23m/s (51.2mph)
Temperature range	- 40 °C to + 85 °C

## Quality and Certificates

## Dimensions

- Designed to Meet the Unique Needs of Customers.
- 5-year hardware warranty;
- 25-year power output warranty;\*
- Certifications:



\*10 years at 90% of the minimal rated power output, 20 years at 83% of the minimal rated power output, 25 years at 80% of the minimal rated power output.