

Amorphous Silicon Modules

MODELS : ATS series

Novergy offers high quality amorphous silicon modules which are made using latest technology and high quality raw materials. A stringent quality control procedure is followed to ensure that the module reaching you will always perform as per the specifications for its warranted lifetime.

SPECIAL FEATURES

- Based on Amorphous silicon technology
- Suitable for off-grid and grid-connect systems
- Better performance in high temperature
- Gives power output even in cloudy or low light conditions
- Suitable for 1000VDC systems
- Low iron high transmissivity tempered back glass
- IP65 junction box at back of module
- MC connectors alongwith cable



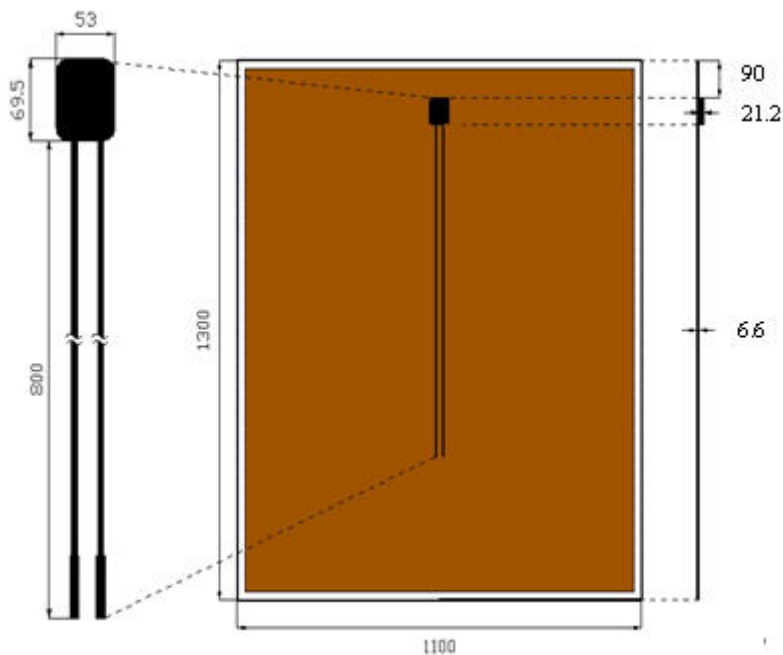
TECHNICAL SPECIFICATIONS

Model	ATS-O-75	ATS-S-65	ATS-O-90	ATS-O-125
Type of Module	Single Junction Amorphous Silicon			
Transparency	Opaque	Semi	Opaque	Opaque
Wattage (Wp) (Stabilized)	75	65	85 / 90 / 95	115 / 120 / 125 / 130
Voltage at max. power (Vmp)	33	33	100	102.7
Open Circuit Voltage (Voc)	53.4	52.5	137	130
Current at maximum power (Imp)	2.28	2.15	0.90	1.22
Short circuit current (Isc)	2.97	2.83	1.15	1.42
Frame	None			
Front & Back Glass	Float, 3.2mm (Back glass is tempered)			
Junction box	IP65			
Connector & Cable	MC4, with cables			
Dimensions (mm) (Without junction box)	1300 x 1100 x 7	1300 x 1100 x 7	1300 x 1100 x 7	1300 x 1100 x 7
Weight (kg)	24	24	24	24
Operating temperature (Deg. C)	-40 to +90			
Maximum system voltage	1000 VDC			
Temperature Coefficients	Isc : +0.03%/K ; Voc : -0.30%/K ; Pmp : -0.17%/K			Isc : +0.07%/K ; Voc : -0.40%/K ; Pmp : -0.35%/K

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IMPORTANT NOTES

- All electrical parameters apply to Standard Test Conditions (STC) (Irradiance : $1000\text{W}/\text{m}^2$; Spectrum AM:1.5 ; Cell temperature : $+25^\circ\text{C}$)
- Rated power may vary by upto $+5\%$ /- 0%
- All Electrical parameters mentioned are values at STABILIZED Performance (Initial degradation is already reduced in these values)
- Model ATS-O-125 and ATS-O-90 is available in different Wattages. The electrical parameters are shown for the model ATS-O-125 and ATS-O-90. The electrical parameters (V_{mp} , I_{mp} , V_{oc} , I_{sc}) will also vary according to the Wattages.



WARRANTY

20 years limited warranty for power output

Long term output warranty shall warrant if PV Module(s) exhibits power output of less than 90% of the original minimum rated power specified at the time of sale within 10 years and less than 80% within 20 years after the date of sale to the Customer.