



## ATI-123W

MULTICRYSTALLINE SILICON PHOTOVOLTAIC MODULE WITH 123W MAXIMUM POWER

### CERTIFICATION:

• ISO 9001



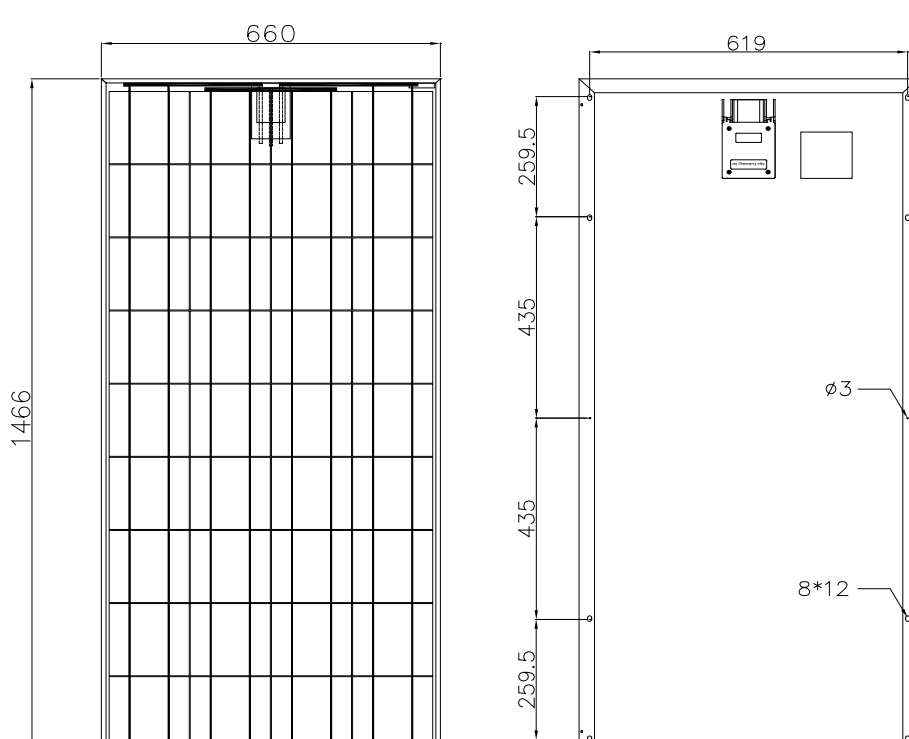
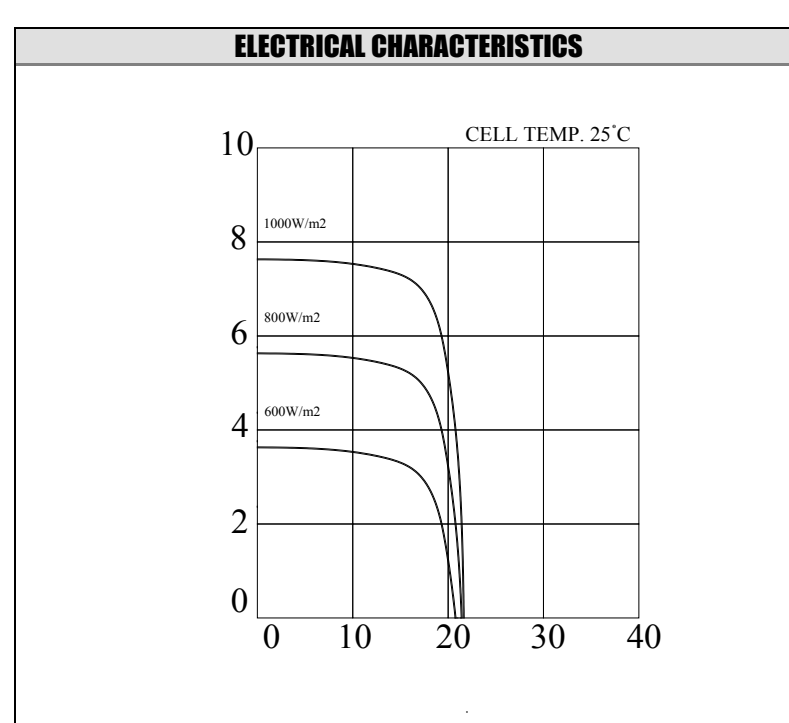
### FEATURES:

- \* High power module using 156mm Multi-Crystalline photovoltaic solar cell
- \* 36 Solar cells and connected in series
- \* Using Optical low iron tempered glass, EVA resin, module with aluminum frame for outdoor use

## ATI-123W

ELECTRICAL CHARACTERISTICS	
Maximum power (Pmax)	123W
Maximum power voltage (Vpm)	17.2 V
Maximum power current (Ipm)	7.2A
Open circuit voltage (Voc)	22.1 V
Short circuit current (Isc)	7.54 A
Module efficiency (ηm)	12.4%
Cell	Multi-crystalline
No. of cells and connections	36 in series
Application	DC 12V system
Maximum system voltage	DC 600V
Series fuse rating	10A
Performance tolerance	±3%

MECHANICAL CHARACTERISTICS		
Dimensions	1466x660x38.1mm	
Weight	11.8kg	
ABSOLUTE MAXIMUM RATINGS		
Parameters	Rating	Unit
Operating temperature	-40 to +90	C
Storage temperature	-40 to +90	C
Dielectric voltage withstood	2200 max	V-DC



Specifications are subject to change without notice.

Standard Test Conditions : 25°C, 1 KW/m<sup>2</sup>, AM 1.5

Pacific Test Conditions : 20°C, 1 KW/m<sup>2</sup>, AM 1.5 1 m/s wind speed