

ET Solar Polycrystalline Modules

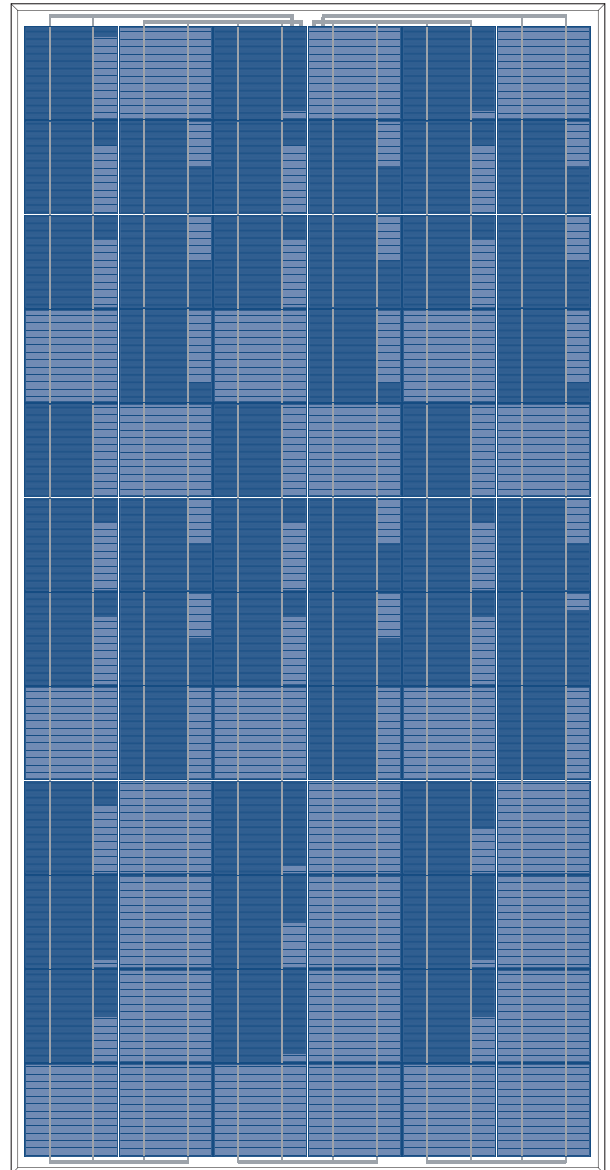
ET-P672275 275W

FEATURES

- Aesthetically appealing for residential and commercial systems
- Guaranteed 0 to +5% Power Tolerance
- Entire module certificated to withstand high wind loads and snow loads (112 lbs per square foot)
- Anodized aluminum frame improves load resistance capabilities
- Highly transparent, low-iron, and tempered glass and antireflective coating
- Excellent performance under low light environments

BENEFITS

- 25-year warranty on power output; 5-year warranty on materials and workmanship
- Product liability insurance
- Local technical support
- Local warehousing
- Enhanced design for easy installation and long term reliability



IEC 61215 Ed.2

IEC 61730



ELECTRICAL SPECIFICATIONS

Model type	ET-P672275	ET-P672290	ET-P672285	ET-P672280	ET-P672270
Peak power (Pmax)	275W	290W	285W	280W	270W
Cell Efficiency	16.17%	17.05%	16.75%	16.46%	15.87%
Module Efficiency	14.17%	14.95%	14.69%	14.43%	13.92%
Maximum power voltage (Vmp)	35.86V	36.25V	36.03V	35.94V	35.77V
Maximum power current (Imp)	7.67A	8.00A	7.91A	7.79A	7.55A
Open circuit voltage (Voc)	44.12V	44.50V	44.35V	44.24V	43.94V
Short circuit current (Isc)	8.31A	8.61A	8.52A	8.41A	8.19A
Power Tolerance	0 to +5%	±3%	±3%	0 to +5%	0 to +5%
Maximum system voltage	DC 600V				
Normal Operating Cell Temperature	45.3±2°C				
Series fuse rating (A)	20A				
Number of bypass diode	3				

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions : 800 W/m², 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

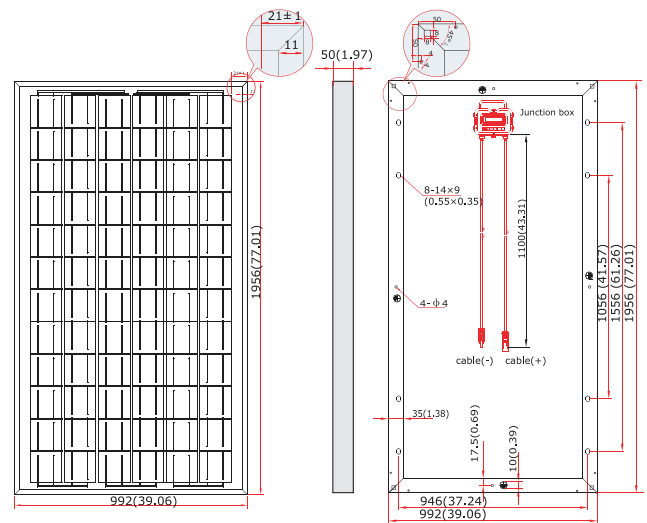
MECHANICAL SPECIFICATIONS

Cell type	156mm x 156mm
Number of cells	72 cells in series
Weight	22.86 kg (50.4 lbs)
Dimensions	1956x992x50 mm (77x39.1x1.97 inch)
Max Load	5400Pascals (112 lb/ft ²)

TEMPERATURE COEFFICIENT

Temp. Coeff. of Isc (TK Isc)	0.065 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.346 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.46 %/°C

PHYSICAL CHARACTERISTICS Unit: mm (inch)



ELECTRICAL CHARACTERISTICS

