

# ET MODULE

## Polycrystalline

ET-P672290	290W
ET-P672285	285W
ET-P672280	280W
ET-P672275	275W
ET-P672270	270W



### Features

- High module conversion efficiency, through superior manufacturing technology
- 0 to +5W positive tolerance for mainstream products
- Certified to withstand high wind loads and snow loads
- Anodized aluminum is mainly for improving corrosion resistance
- Highly transparent, low iron tempered glass
- Excellent performance under low light environment

### Benefits

- 25-year warranty on power output; 10-year warranty on materials and workmanship
- Product liability insurance
- Local technical support
- Local warehousing
- 48 hour-response service
- Enhanced design for easy installation and long term reliability

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IEC 61215 Ed.2  
IEC 61730



**et** Solar  
Passion for green

**Pioneer of 360° Service**

## ELECTRICAL SPECIFICATIONS

Model Type	ET-P672290	ET-P672285	ET-P672280	ET-P672275	ET-P672270
Peak Power (Pmax)	290W	285W	280W	275W	270W
Cell Efficiency	17.05%	16.75%	16.46%	16.17%	15.87%
Module Efficiency	14.95%	14.69%	14.43%	14.17%	13.92%
Maximum Power Voltage (Vmp)	36.25V	36.03	35.94	35.86V	35.77V
Maximum Power Current (Imp)	8.00A	7.91	7.79	7.67A	7.55A
Open Circuit Voltage (Voc)	44.50V	44.35	44.24	44.12V	43.94V
Short Circuit Current (Isc)	8.61A	8.52	8.41	8.31A	8.19A
Power Tolerance	±3%	±3%	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	DC 1000V				
Normal Operating Cell Temperature	45.3±2°C				
Series Fuse Rating (A)	20A				
Number of Bypass Diode	3				

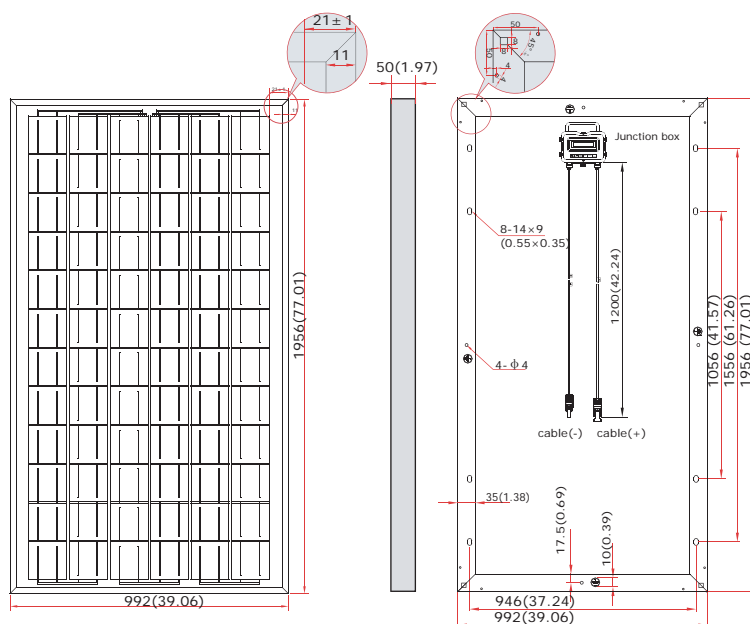
## MECHANICAL SPECIFICATIONS

Cell type	156mm x 156mm
Number of cells	72 cells in series
Weight	22.86 kg (50.4 lbs)
Dimensions	1956×992×50 mm (77×39.1×1.97 inch)
Max Load	2400Pascals ( 50 lb/ft <sup>2</sup> )

## TEMPERATURE COEFFICIENT

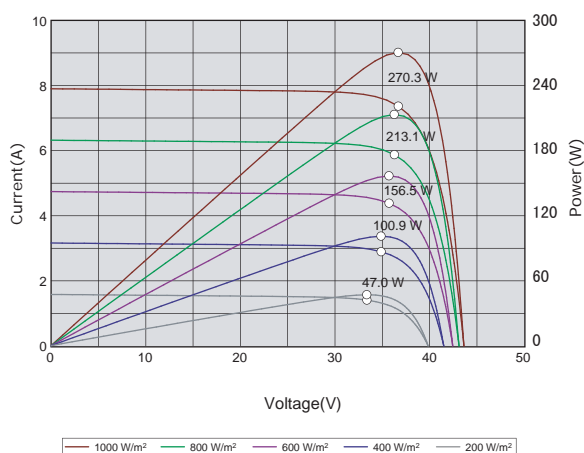
Temp. Coeff. of Isc (TK Isc)	0.065 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.346 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.46 %/°C

## PHYSICAL CHARACTERISTICS Unit:mm (inch)

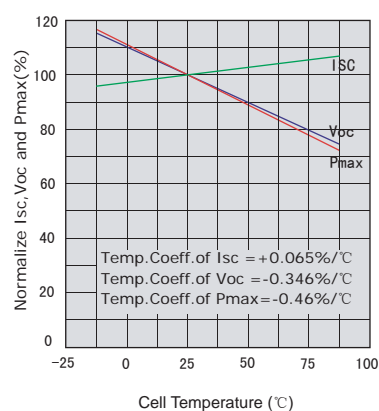


## ELECTRICAL CHARACTERISTICS

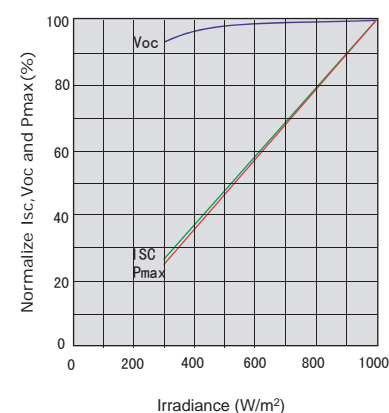
Electrical performance  
(cell temperature: 25°C)



Temperature dependence of Isc,  
Voc and Pmax



Irradiance dependence of Isc,  
Voc and Pmax (cell temperature: 25°C)



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m<sup>2</sup> solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions : 800 W/m<sup>2</sup>, 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

Please contact [support@etsolar.com](mailto:support@etsolar.com) for technical support. The parameters are for reference only, and are subject to change without notice or obligation.