

# ET MODULE

## Polycrystalline

ET-P672310WW	310W
ET-P672305WW	305W
ET-P672300WW	300W
ET-P672295WW	295W
ET-P672290WW	290W
ET-P672285WW	285W
ET-P672280WW	280W

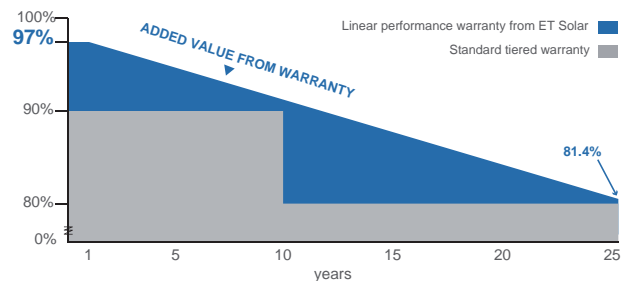


### Features

- Low iron tempered safety glass, self-cleaning & anti-reflective layer with higher light absorption and minimal surface dust
- Anodized aluminum frame improving corrosion resistance
- Industry leading performance at low irradiation environment by Photon test
- 0 to +5W positive tolerance for mainstream products
- Withstand high wind loads and snow loads
- EL screening to eliminate product defects
- Cell encapsulation EVA Gel Content and Peel Strength Test
- Potential-Induced Degradation (PID) free for customizable solar module
- Top performance by PVUSA Test Conditions(PTC) rating

### Benefits

- 25-year transferrable power output warranty warrants no more than 0.65% $\times P_{max}$  lower than the previous year
- 10-year warranty on materials and workmanship
- Product liability insurance
- Local technical support
- Local warehousing
- 48 hour-response service



IEC 61215 Ed.2  
IEC 61730  
IEC 61701  
UL 1703



CONFORMS TO UL STD. 1703  
CERTIFIED TO UL/C/CRD STD.C 1703-01



Towards Excellence

# ELECTRICAL SPECIFICATIONS



Model Type	ET-P672310WW	ET-P672305WW	ET-P672300WW	ET-P672295WW	ET-P672290WW	ET-P672285WW	ET-P672280WW
Peak Power (Pmax)	310W	305W	300W	295W	290W	285W	280W
Module Efficiency	15.98%	15.72%	15.46%	15.20%	14.95%	14.69%	14.43%
Maximum Power Voltage (Vmp)	37.71V	37.18V	36.68V	36.17V	35.92V	35.86V	35.54V
Maximum Power Current (Imp)	8.23A	8.21A	8.18A	8.16A	8.08A	7.95A	7.88A
Open Circuit Voltage (Voc)	45.80V	45.12V	44.89V	44.78V	44.75V	44.72V	44.27V
Short Circuit Current (Isc)	8.79A	8.78A	8.72A	8.68A	8.62A	8.55A	8.48A
Power Tolerance	±3%	-1% to +3%	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	DC 600V/1000V						
Nominal Operating Cell Temperature	45.3±2°C						
Series Fuse Rating (A)	15A						
Number of Bypass Diode	3						

## MECHANICAL SPECIFICATIONS

Cell type	156mm x 156mm
Number of cells	72 cells in series
Weight	23.05 kg (50.82 lbs)
Dimensions	1956×992×40 mm (77.01×39.06×1.57 inch)
Max Load	5400Pascals ( 112 lb/ft²)
Junction box	IP67 rated
Connector	MC4

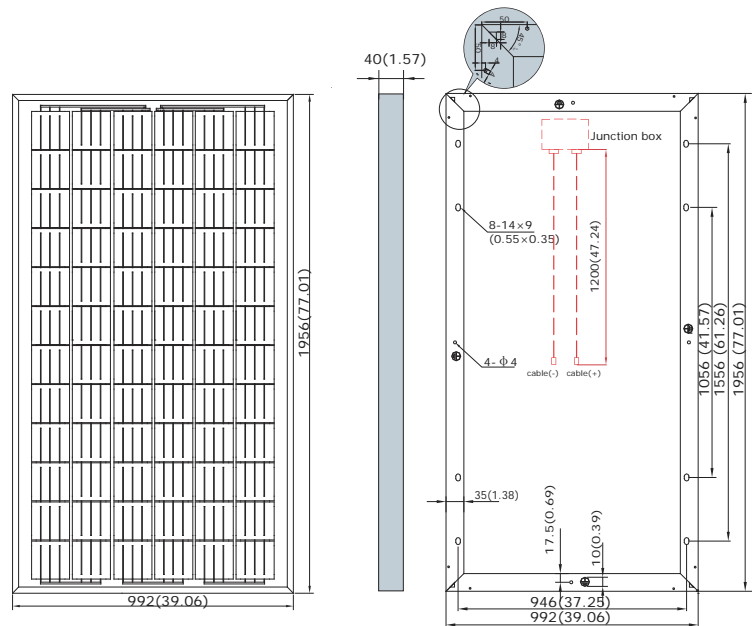
## TEMPERATURE COEFFICIENT

Temp. Coeff. of Isc (TK Isc)	0.04 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.34 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.44 %/°C

## BIG CARTON PACKING MANNER

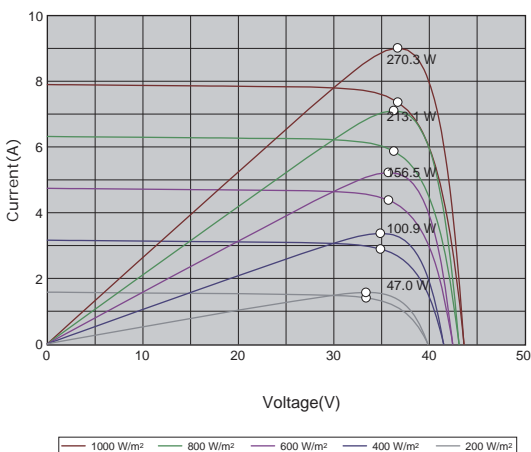
Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	260	572

## PHYSICAL CHARACTERISTICS Unit:mm (inch)

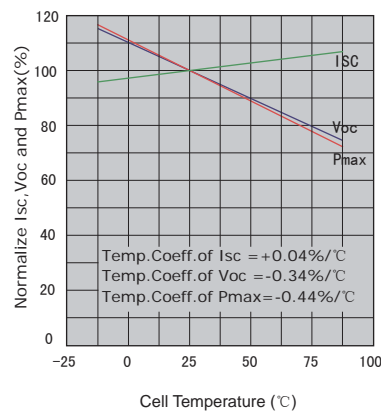


## ELECTRICAL CHARACTERISTICS

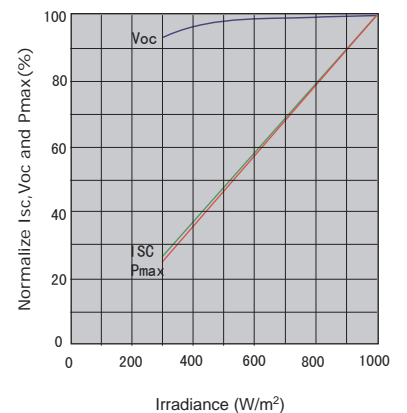
Electrical performance  
(cell temperature: 25°C)



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.