# ET MODULE

## Polycrystalline

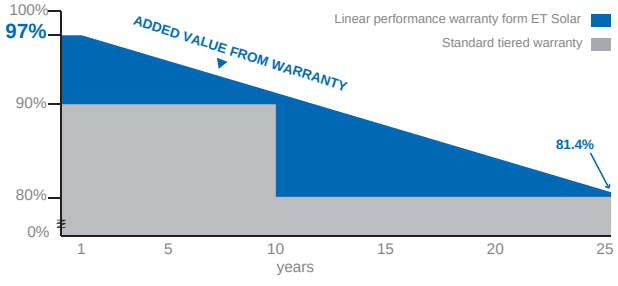
| | |
|---|---|
| ET-P672305 | 305W |
| ET-P672300 | 300W |
| ET-P672295 | 295W |
| ET-P672290 | 290W |
| ET-P672285 | 285W |
| ET-P672280 | 280W |
| ET-P672275 | 275W |
| ET-P672270 | 270W |

## Features

- High module conversion efficiency, through superior manufacturing technology
- 0 to +5W positive tolerance for mainstream products
- Withstand high wind loads and snow loads
- Anodized aluminum improving corrosion resistance
- Anti-reflective highly transparent, low iron tempered glass
- Excellent performance under low light conditions

## Benefits

- 25-year linear performance warranty;
  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




IEC 61215 Ed.2
IEC 61730
IEC 61701
UL 1703

CONFORMS TO ANSI/UL STD 1703
CERTIFIED TO ULC/CSA STD ORDC1703

Towards Excellence

M/ET-CP-EN-US2012V3

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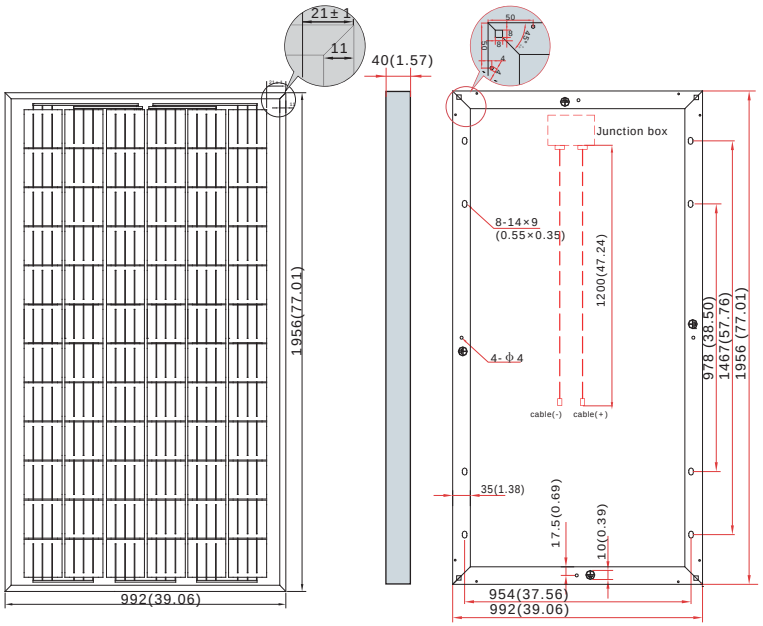
## ELECTRICAL SPECIFICATIONS

| Model Type | ET-P672305 | ET-P672300 | ET-P672295 | ET-P672290 | ET-P672285 | ET-P672280 | ET-P672275 | ET-P672270 |
|---|---|---|---|---|---|---|---|---|
| Peak Power (Pmax) | 305W | 300W | 295W | 290W | 285W | 280W | 275W | 270W |
| Module Efficiency | 15.72% | 15.46% | 15.20% | 14.95% | 14.69% | 14.43% | 14.17% | 13.92% |
| Maximum Power Voltage (Vmp) | 37.18V | 36.68V | 36.17V | 35.92V | 35.86V | 35.54V | 35.52V | 35.48V |
| Maximum Power Current (Imp) | 8.21A | 8.18A | 8.16A | 8.08A | 7.95A | 7.88A | 7.75A | 7.61A |
| Open Circuit Voltage (Voc) | 45.12V | 44.89V | 44.78V | 44.75V | 44.72V | 44.27V | 44.18V | 44.16V |
| Short Circuit Current (Isc) | 8.78A | 8.72A | 8.68A | 8.62A | 8.55A | 8.48A | 8.26A | 8.21A |
| Power Tolerance | ±3% | ±3% | -1% to +3% | 0 to+5W | 0 to+5W | 0 to+5W | 0 to+5W | 0 to+5W |
| Maximum System Voltage | DC 600V | | | | | | | |
| Normal Operating Cell Temperature | 47.7℃ | | | | | | | |
| 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/ft$^2$) |

## PHYSICAL CHARACTERISTICS Unit:mm (inch)

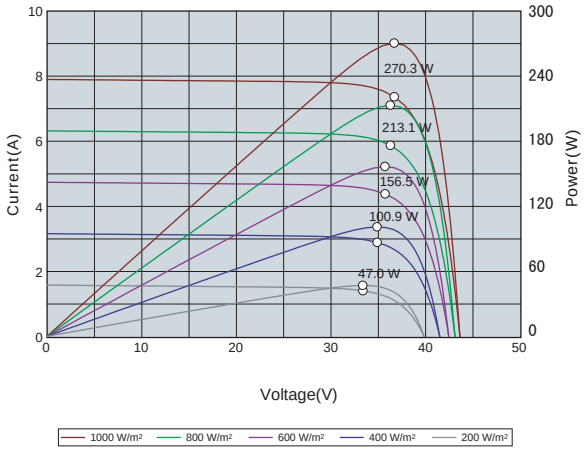



## TEMPERATURE COEFFICIENT

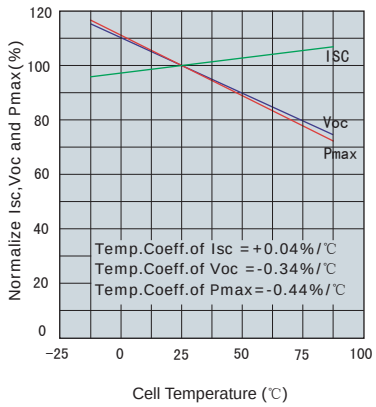
| | |
|---|---|
| Temp. Coeff. of Isc (TK Isc) | 0.04 %/℃ |
| Temp. Coeff. of Voc (TK Voc) | -0.34 %/℃ |
| Temp. Coeff. of Pmax (TK Pmax) | -0.44 %/℃ |

## ELECTRICAL CHARACTERISTICS

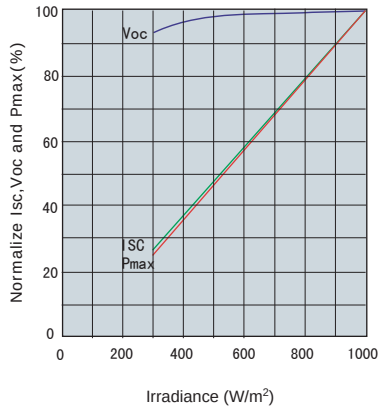
Electrical performance (cell temperature:25℃)




Temperature dependence of Isc, Voc and Pmax




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




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

Please contact **support@etsolar.com** for technical support. The parameters are for reference only, and are subject to change without notice or obligation.