



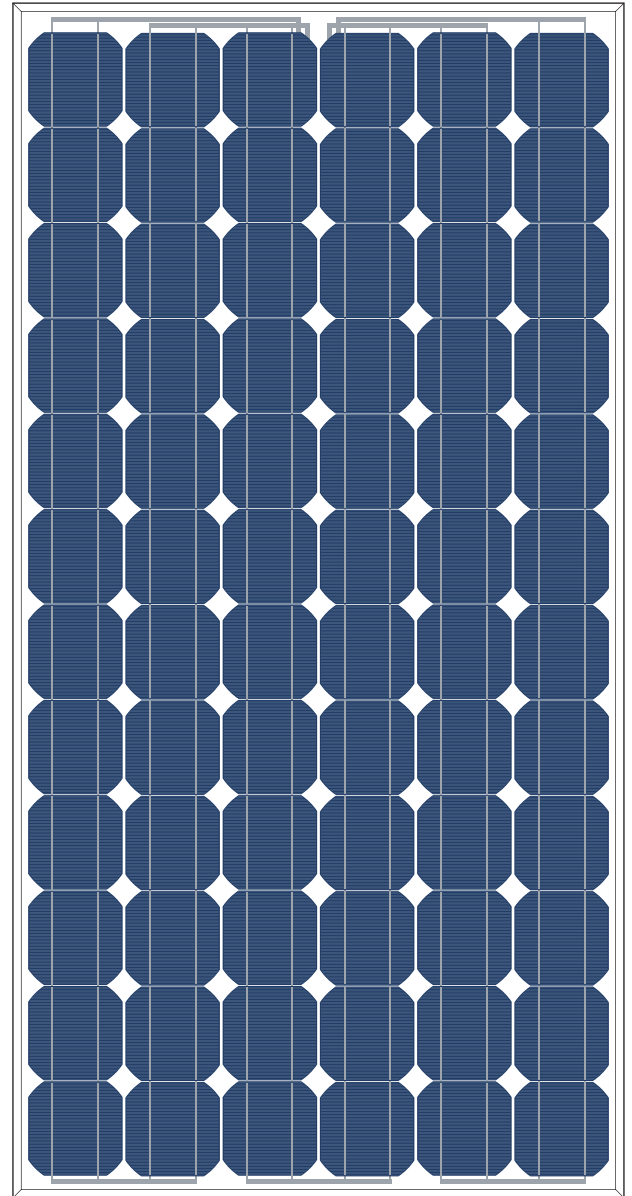
*Passion for Green*

## ET MODULE Monocrystalline

- ET-M572185 185W**
- ET-M572180 180W**
- ET-M572175 175W**
- ET-M572170 170W**
- ET-M572165 165W**

ET Modules generate very reliable solar power for on-grid and off-grid applications, as well as residential and utility-scale solar power systems. Our crystalline photovoltaic modules are designed and manufactured to comply with very strict international quality standards. Our strong design, procurement and production efforts ensure that our module products generate high solar power and take up small spaces. Backed by our 25-year warranty on power output, our modules bring lasting values.

- + Local technical support
- + Local warehouses
- + 48 hour-response service
- + Custom design with wide power selection down to 5W
- + Financing solution
- + Product liability insurance
- + Turnkey solutions
- + Co-marketing strategy
- + 25-year warranty on power output  
5-year on materials and workmanship



IEC 61215 Ed.2  
IEC 61730



[www.etsolar.com](http://www.etsolar.com)

## ELECTRICAL SPECIFICATIONS

Model type	ET-M572185	ET-M572180	ET-M572175	ET-M572170	ET-M572165
Peak power (Pmax)	185W	180W	175W	170W	165W
Cell Efficiency	17.82%	17.34%	16.86%	16.35%	15.90%
Module Efficiency	14.50%	14.11%	13.71%	13.32%	12.92%
Maximum power voltage (Vmp)	36.30V	36.30V	36.24V	36.13V	35.80V
Maximum power current (Imp)	5.09A	4.95A	4.83A	4.71A	4.60A
Open circuit voltage (Voc)	44.60V	44.60V	44.25V	44.16V	44.12V
Short circuit current (Isc)	5.80A	5.61A	5.50A	5.30A	5.19A
Power Tolerance	-1 to +3%				
Maximum system voltage	DC 1000V (VDE) / DC 600V (UL)				
Normal Operating Cell Temperature	44.4±2°C				
Series fuse rating (A)	10A				
Number of bypass diode	3				

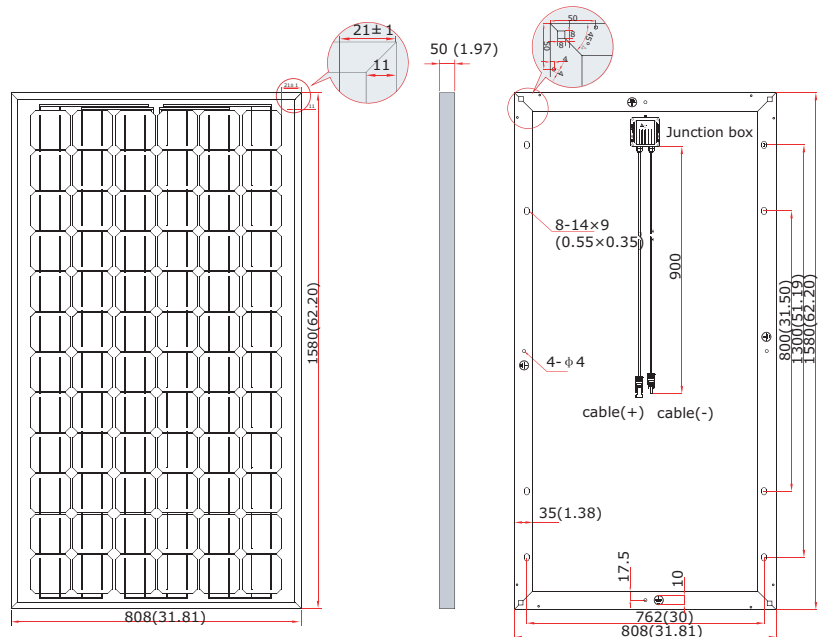
## MECHANICAL SPECIFICATIONS

Cell type	125mm x 125mm
Number of cells	72 cells in series
Weight	15.9 kg (35.05 lbs)
Dimensions	1580×808×50 mm (62.20×31.81×1.97 inch)
Max Load	5400Pascals ( 112 lb/ft <sup>2</sup> )

## TEMPERATURE COEFFICIENT

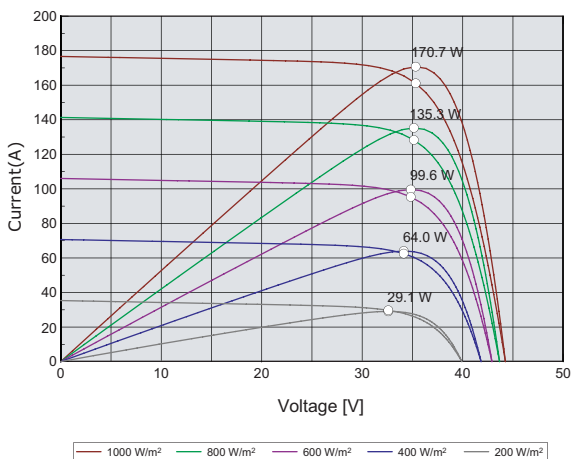
Temp. Coeff. of Isc (TK Isc)	0.042 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.336 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.47 %/°C

## PHYSICAL CHARACTERISTICS Unit:mm (inch)

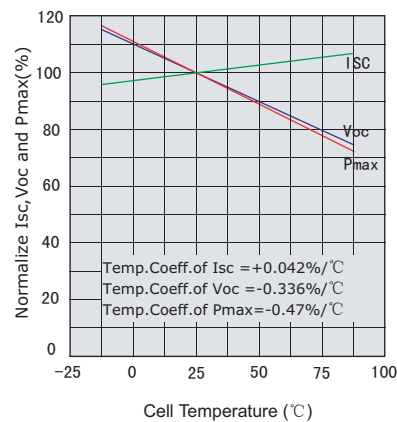


## ELECTRICAL CHARACTERISTICS

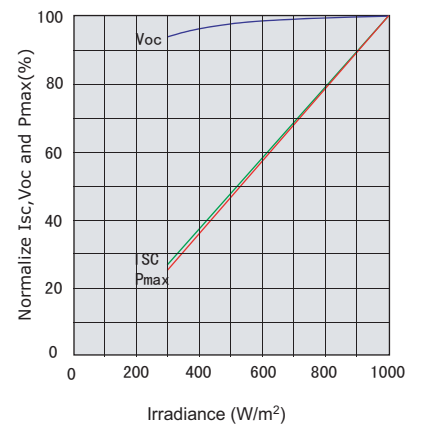
Electrical performance  
(cell temperature:25°C)



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 may be changed without notice due to product improvement.