

# ET BLACK MODULE

## Monocrystalline

ET-M572200BB	200W
ET-M572195BB	195W
ET-M572190BB	190W
ET-M572185BB	185W
ET-M572180BB	180W

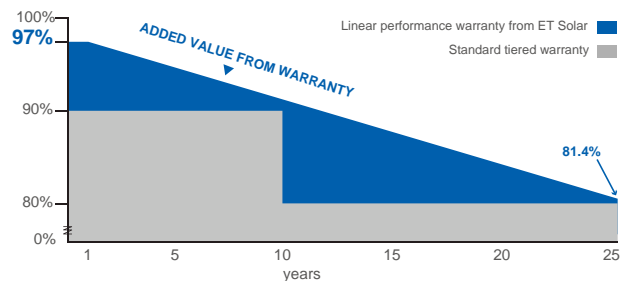


### Features

- Aesthetically appealing for residential and commercial systems with black backsheet and frame
- High module conversion efficiency, through superior manufacturing technology
- 0 to +5W positive tolerance for mainstream products
- Withstand high wind loads and snow loads (5400Pa)
- 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



Towards Excellence

M/ET-CP-EN-EU2012V3

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



## ELECTRICAL SPECIFICATIONS

Model Type	ET-M572200BB	ET-M572195BB	ET-M572190BB	ET-M572185BB	ET-M572180BB
Peak Power (Pmax)	200W	195W	190W	185W	180W
Module Efficiency	15.67%	15.27%	14.88%	14.49%	14.10%
Maximum Power Voltage (Vmp)	36.97V	36.94V	36.68V	36.29V	36.06V
Maximum Power Current (Imp)	5.41A	5.28A	5.18A	5.11A	5.00A
Open Circuit Voltage (Voc)	45.84V	45.33V	45.21V	45.03V	44.88V
Short Circuit Current (Isc)	5.70A	5.68A	5.56A	5.47A	5.45A
Power Tolerance	±3%	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	DC 1000V				
Normal Operating Cell Temperature	44.4±2°C				
Series Fuse Rating (A)	15A				
Number of Bypass Diode	3				

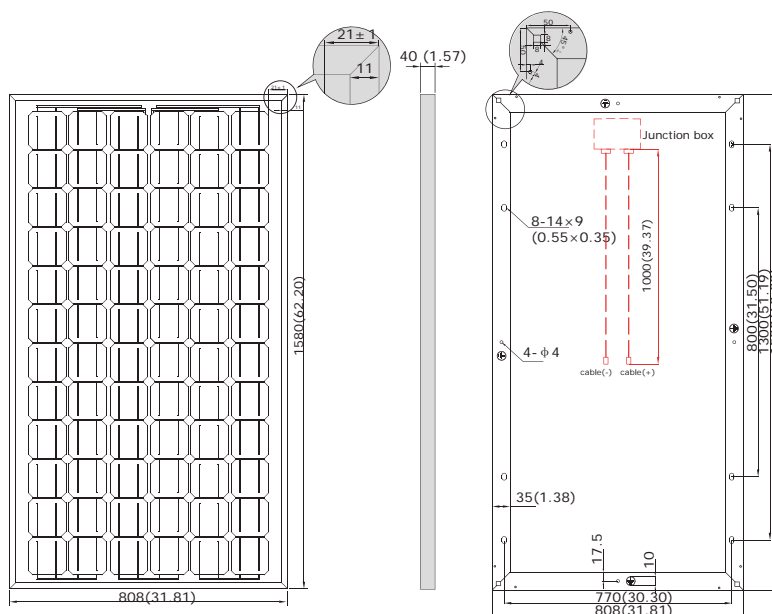
## MECHANICAL SPECIFICATIONS

Cell type	125mm x 125mm
Number of cells	72 cells in series
Weight	15.76kg (34.74lbs)
Dimensions	1580×808×40 mm (62.20×31.81×1.57 inch)
Max Load	5400Pascals ( 112 lb/ft <sup>2</sup> )

## TEMPERATURE COEFFICIENT

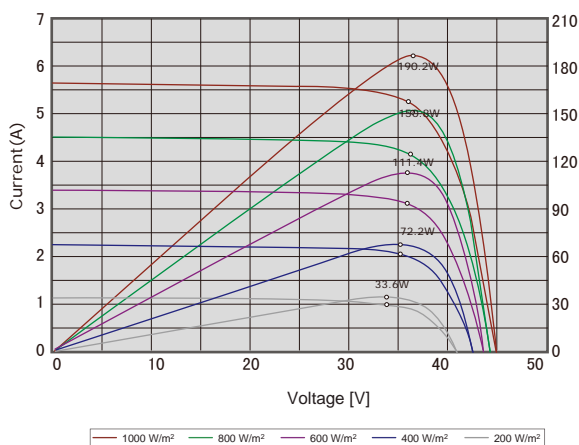
Temp. Coeff. of Isc (TK Isc)	0.02 %/ °C
Temp. Coeff. of Voc (TK Voc)	-0.31 %/ °C
Temp. Coeff. of Pmax (TK Pmax)	-0.44% / °C

## PHYSICAL CHARACTERISTICS Unit: mm (inch)

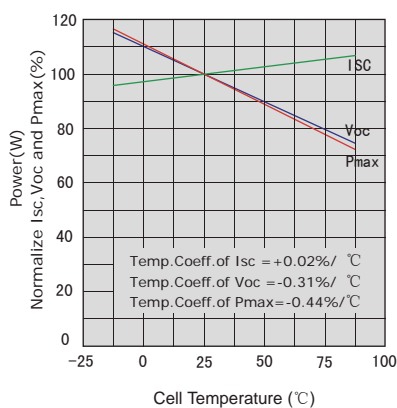


## ELECTRICAL CHARACTERISTICS

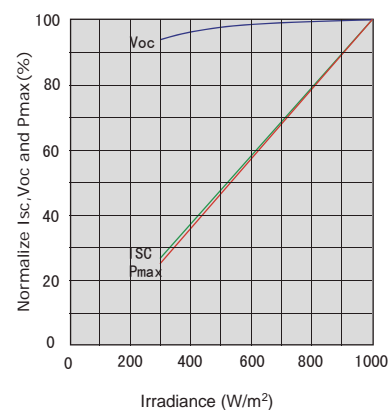
Electrical performance  
(cell temperature: 25°C)



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.