

Anti-glare Series

ET BLACK MODULE Polycrystalline

ET-P672290BBG	290W
ET-P672285BBG	285W
ET-P672280BBG	280W
ET-P672275BBG	275W
ET-P672270BBG	270W

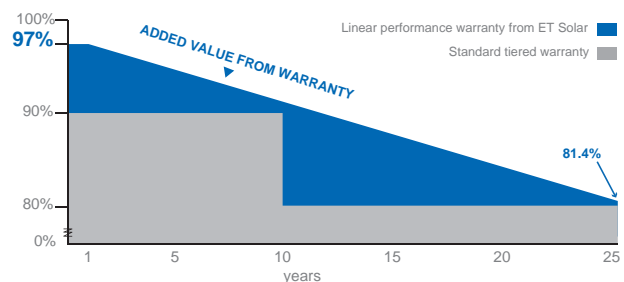


Features

- Matte Surface: Due to the special structure of AG glass surface, AG PV module significantly reduced the glare effect
- The Anti-glare module reduces the module luminance by 90-98%
- The Anti-glare module generates more electricity than conventional module with same nominal power
- The maximum intensity of AG module at specific angle is 6×10^4 cd/m² compared with 8×10^5 cd/m² of normal module
- Aesthetically appealing for residential and commercial systems with black module
- 0 to +5W positive tolerance for mainstream products
- Withstand high wind loads and snow loads
- Anti-glare highly transparent, low iron tempered glass

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





ELECTRICAL SPECIFICATIONS

Model Type	ET-P672290BBG	ET-P672285BBG	ET-P672280BBG	ET-P672275BBG	ET-P672270BBG
Peak Power (Pmax)	290W	285W	280W	275W	270W
Module Efficiency	14.95%	14.69%	14.43%	14.17%	13.92%
Maximum Power Voltage (Vmp)	35.92V	35.86V	35.54V	35.52V	35.48V
Maximum Power Current (Imp)	8.08A	7.95A	7.88A	7.75A	7.61A
Open Circuit Voltage (Voc)	44.75V	44.72V	44.27V	44.18V	44.16V
Short Circuit Current (Isc)	8.62A	8.55A	8.48A	8.26A	8.21A
Power Tolerance	±3%	0 to +5W	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

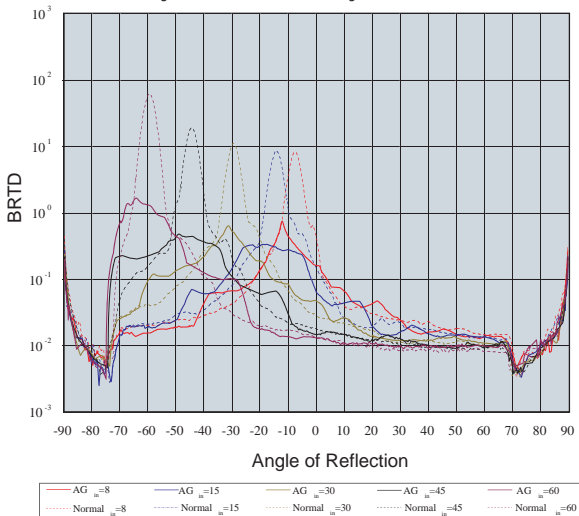
Cell type	156 mm x 156 mm
Number of cells	72 cells in series
Weight	23.05 kg (50.82 lbs)
Dimensions	1956×992×40 mm (77.01×39.06×1.57 inch)
Max Load	5400Pascals (112 lb/ft ²)

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

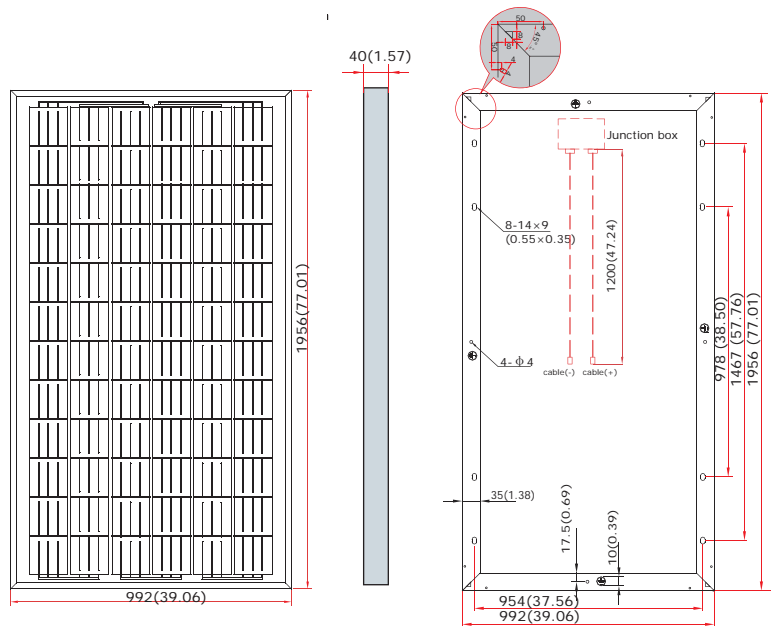
OPTICAL CHARACTERISTICS

Poly AG module VS. Poly normal module



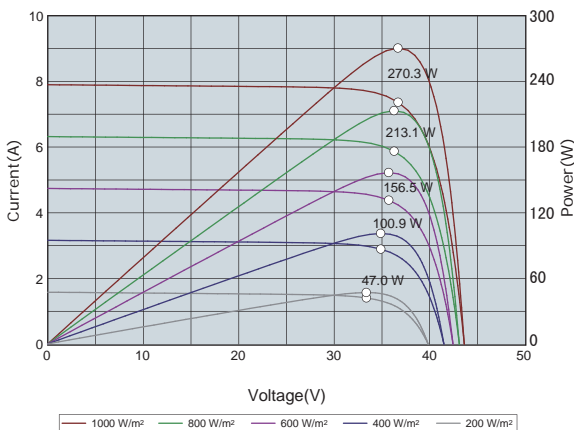
PHYSICAL CHARACTERISTICS

Unit: mm (Inch)

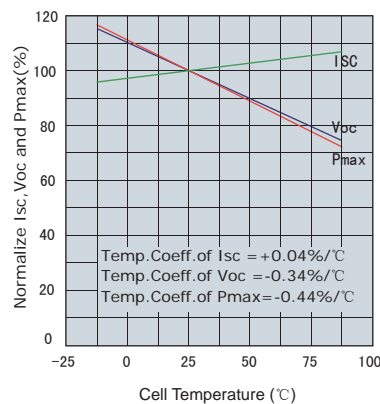


ELECTRICAL CHARACTERISTICS

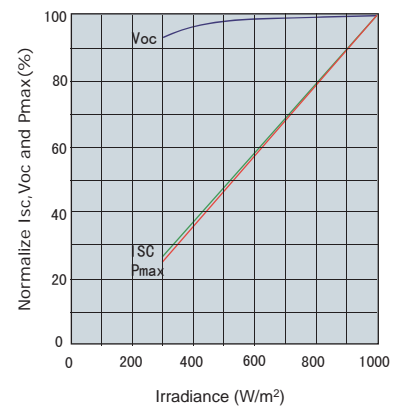
Electrical performance
(cell temperature: 25°C)



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/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

The NOCT is obtained under the Test Conditions : 800 W/m², 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.