

ET MODULE

Polycrystalline

ET-P672300WW/WB	300W
ET-P672295WW/WB	295W
ET-P672290WW/WB	290W
ET-P672285WW/WB	285W
ET-P672280WW/WB	280W
ET-P672275WW/WB	275W
ET-P672270WW/WB	270W

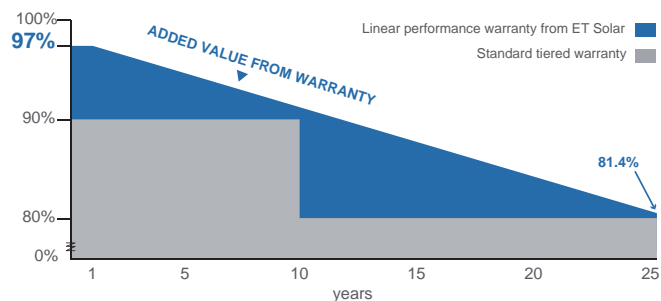


Features

- 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

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



ERGO



APPROVED PRODUCT
BABT
BABT8510



PV CYCLE



BPVA British Photovoltaic Association

ELECTRICAL SPECIFICATIONS

Model Type	ET-P672300WW	ET-P672295WW	ET-P672290WW	ET-P672285WW	ET-P672280WW	ET-P672275WW	ET-P672270WW
	ET-P672300WB	ET-P672295WB	ET-P672290WB	ET-P672285WB	ET-P672280WB	ET-P672275WB	ET-P672270WB
Peak Power (Pmax)	300W	295W	290W	285W	280W	275W	270W
Module Efficiency	15.46%	15.20%	14.95%	14.69%	14.43%	14.17%	13.92%
Maximum Power Voltage (Vmp)	36.68V	36.17V	35.92V	35.86V	35.54V	35.52V	35.48V
Maximum Power Current (Imp)	8.18A	8.16A	8.08A	7.95A	7.88A	7.75A	7.61A
Open Circuit Voltage (Voc)	44.89V	44.78V	44.75V	44.72V	44.27V	44.18V	44.16V
Short Circuit Current (Isc)	8.72A	8.68A	8.62A	8.55A	8.48A	8.26A	8.21A
Power Tolerance	-1% to +3%	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W	0 to +5W
Maximum System Voltage	DC 1000V						
Nominal Operating Cell Temperature	45.3±2°C						
Series Fuse Rating (A)	20A						

MECHANICAL SPECIFICATIONS

Cell type	156mm x 156mm
Number of cells	72 cells in series
Weight	23.8 kg (52.47 lbs) / 23.1 kg (50.92 lbs)
Dimensions	1956×992×50mm (77.01×39.06×1.97inch)
	1956×992×40mm (77.01×39.06×1.57 inch)
Max Load	5400Pascals (112 lb/ft ²)

TEMPERATURE COEFFICIENT

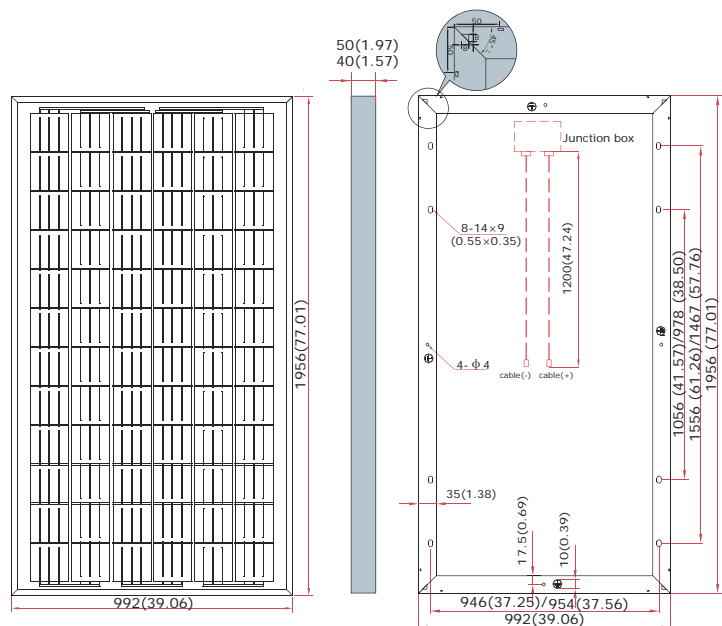
Temp. Coeff. of Isc (TK Isc)	0.04 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.34 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.44 %/°C

PACKING MANNER

Container	20' GP		40' GP		40' HQ	
	40mm	50mm	40mm	50mm	40mm	50mm
Frame thickness	40mm	50mm	40mm	50mm	40mm	50mm
Pieces per Pallet	26	21	26	21	26	21
Pieces per Container	260	210	572	462	616	506

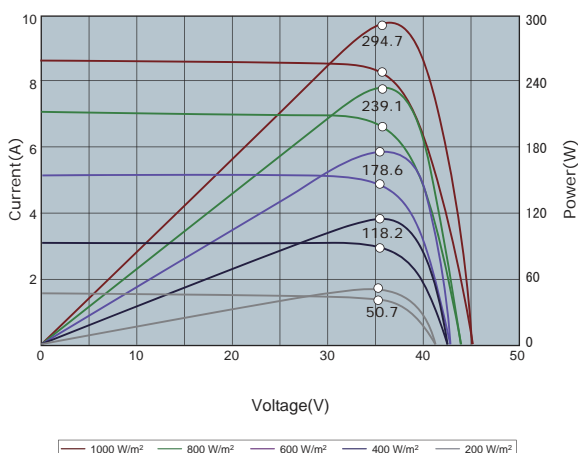
PHYSICAL CHARACTERISTICS

Unit:mm (Inch)
* The former size is for 50mm frame module while the later size for 40mm frame module

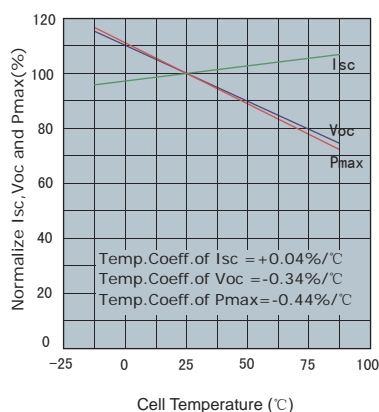


ELECTRICAL CHARACTERISTICS

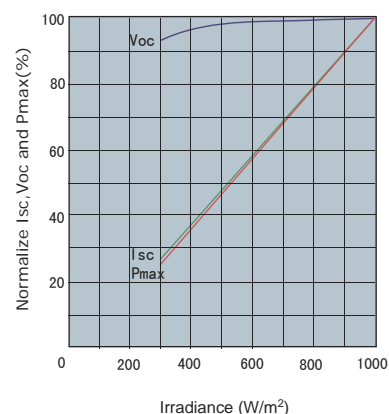
Current-Voltage & Power-Voltage Curve
(AM1.5, Cell Temperature 25°C)



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.