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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**ET Solar Group  
ET-M660WW/WB 275-295  
ET-M660295WW/WB**

Also available on the web at  
[EnergyPal.com/et-solar-group-solar-panels/et-m660295ww-wb](http://EnergyPal.com/et-solar-group-solar-panels/et-m660295ww-wb)

We Make Solar Evolve

# ELITE MONO

## Monocrystalline Module

ET-M660290WW/WB 290W

ET-M660285WW/WB 285W

ET-M660280WW/WB 280W

ET-M660275WW/WB 275W

ET-M660270WW/WB 270W

Rich Product Portfolio & Innovative Product Strategy, satisfy customer needs to the best, and keep the customers' overall costs to the lowest.



### High Conversion Efficiency

Industry-leading processing techniques realize great module efficiency to a maximum of 17.83%, steady power output guaranteed.



### Anti-reflective Coating and Reduce O&M Costs

Easier to clean by rainwater to remove dirt on the glass surface, making higher power output and lower maintenance costs.



### 0 to +5W Positive Tolerance

Gain more power yields than expected.



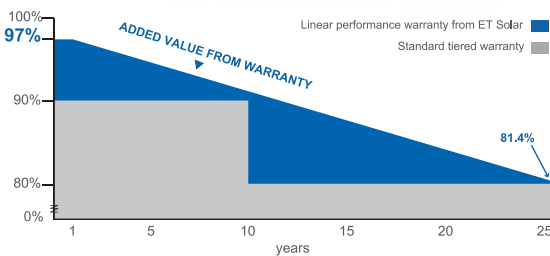
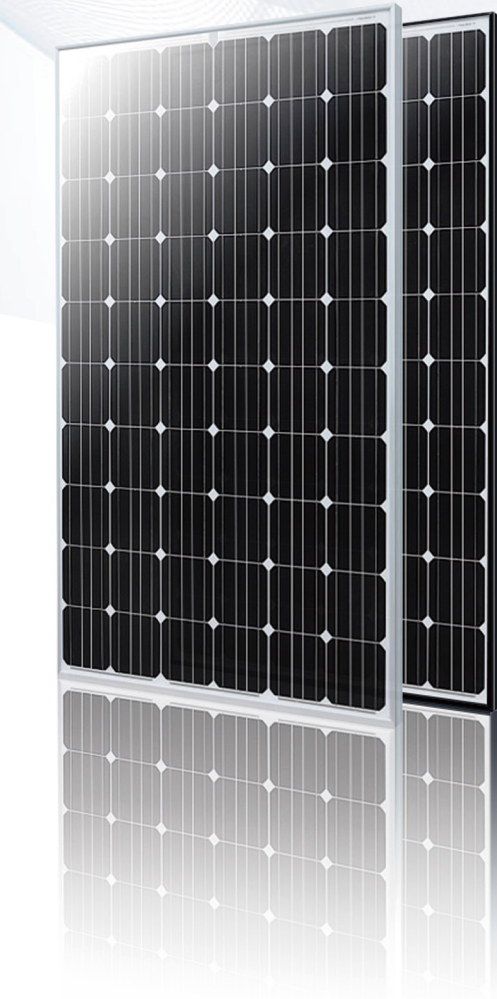
### Excellent Loading Capability

2400Pa wind loads, 5400Pa snow loads.  
Durable and long-lasting.



### Top-quality & Trustworthy Product

Rigorous Quality Management System built.  
Multiple internationally recognized PV industry standard certifications attained.



25 25-year performance warranty

10 10-year warranty on materials and workmanship

IEC 61215 Ed.2  
IEC 61730  
IEC 61701  
IEC 62716  
UL 1703



CONFORMS TO UL STD. 1703  
CERTIFIED TO UL/CORD STD.C-1703-01



Towards Excellence

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

M/ET-PD-EN-WW2016V3

## ELECTRICAL SPECIFICATIONS

Model Type	ET-M660290WW	ET-M660285WW	ET-M660280WW	ET-M660275WW	ET-M660270WW
	ET-M660290WB	ET-M660285WB	ET-M660280WB	ET-M660275WB	ET-M660270WB
Peak Power (Pmax)	290W	285W	280W	275W	270W
Module Efficiency	17.83%	17.52%	17.21%	16.90%	16.60%
Maximum Power Voltage (Vmp)	32.12V	31.85V	31.01V	30.97V	30.83V
Maximum Power Current (Imp)	9.03A	8.95A	9.03A	8.88A	8.76A
Open Circuit Voltage (Voc)	39.68V	39.18V	39.26V	39.08V	38.68V
Short Circuit Current (Isc)	9.59A	9.46A	9.23A	9.14A	9.12A
Power Tolerance	0 to +5W				
Operating Temperature	- 40 ~ + 85°C				
Maximum System Voltage	DC 1000V				
Nominal Operating Cell Temperature	44.4±2°C				
Fire Safety	Class C(IEC) / Type 1(UL)				
Maximum Series Fuse Rating	20A(IEC) / 15A(UL)				

## MECHANICAL SPECIFICATIONS

Cell Type	156.75mm x 156.75mm
Number of Cells	60 cells in series
Weight	18.5 kg (40.79 lbs)
Dimension	1640×992×35 mm (64.57×39.06×1.38 inch)
Max Load	5400 Pascals ( 112 lb/ft <sup>2</sup> )
Junction Box	IP67 rated
Connector	MC4 Compatible
Output cable	4mm <sup>2</sup> ( IEC) / 12AWG:PV Wire(UL)

## TEMPERATURE COEFFICIENT

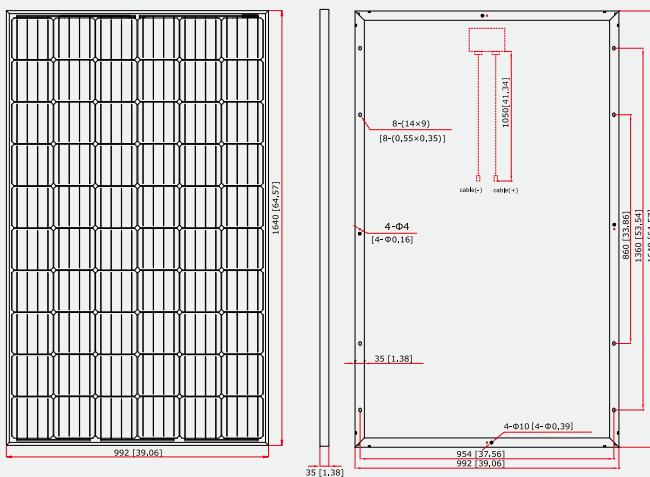
Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.30% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.42% /°C

## PACKING MANNER

Container	20' GP	40' GP
Pieces per Pallet	29	29
Pieces per Container	348	812

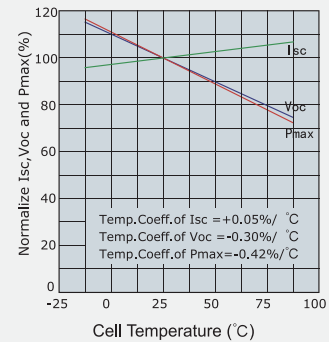
## PHYSICAL CHARACTERISTICS

Unit:mm (inch)

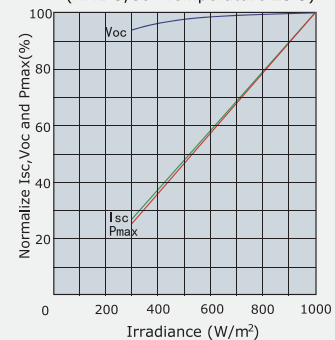


## ELECTRICAL CHARACTERISTICS

### Temperature Dependence of Isc, Voc and Pmax



### Irradiance Dependence of Isc, Voc and Pmax (AM1.5, 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, 1m/s wind speed, AM 1.5 spectrum.

Please contact [support@etsolar.com](mailto:support@etsolar.com) for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.