ET MODULE

Polycrystalline

ET-P63645 45W

ET-P63685 85W
ET-P63690 90W
ET-P63695 95W

Features

- High module conversion efficiency, through superior manufacturing technology
- Entire module certificated to withstand high wind loads and snow loads
- Anodized aluminum is mainly for improving corrosion resistance
- Highly transparent, low-iron, tempered glass
- Excellent performance under low light environments

Benefits

- 5-year warranty on materials and workmanship;
  12 years at 90% of the minimal rated power output;
  25 years at 80% of the minimal rated power output
- 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

ELECTRICAL SPECIFICATIONS

Model Type	ET-P63695	ET-P63690	ET-P63685	ET-P63645
Peak power (Pmax)	95W	90W	85W	45W
Module Efficiency	13.9%	13.2%	12.4%	12.7%
Maximum power voltage (Vmp)	18.0V	17.6V	17.2V	17.6V
Maximum power current (Imp)	5.28A	5.11A	4.94A	2.56A
Open circuit voltage (Voc)	22.6V	22.2V	21.8V	22.2V
Short circuit current (Isc)	5.53A	5.48A	5.29A	2.74A
Series Fuse Rating (A)	12A	12A	12A	8A
Power Tolerance	±3%			
Maximum system voltage	DC 600V			
Nominal Operating Cell Temperature	45.3±2℃			

MECHANICAL SPECIFICATIONS

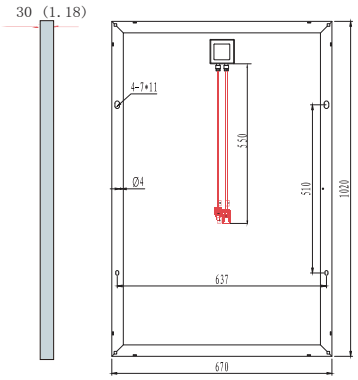
Model Type	ET-P63695/90/85	ET-P63645
Cell Type	156mmx 104mm	156mmx 52mm
Number of cells	36 cells in series	36 cells in series
Dimensions	1020×670×30mm (40.16×26.38×1.18inch)	530×670×30mm (20.86×26.38×1.18inch)
Weight	8.3 kg (18.30 lbs)	4.6 kg (10.14 lbs)
Connector	MC4	
Junction Box	IP67	
Wire Type	PV Wire	

TEMPERATURE COEFFICIENT

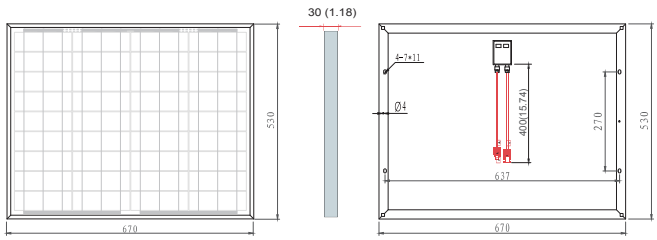
Temp. Coeff. of Isc (TK Isc)	0.064 %/℃
Temp. Coeff. of Voc (TK Voc)	-0.33 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.45 %/℃

PHYSICAL CHARACTERISTICS Unit:mm (inch)

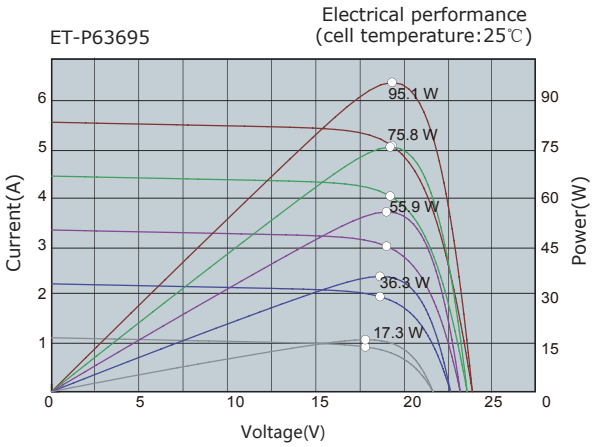
ET-P63695/90/85

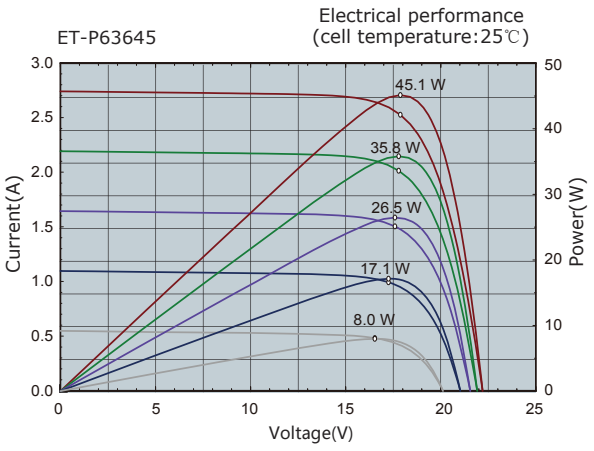


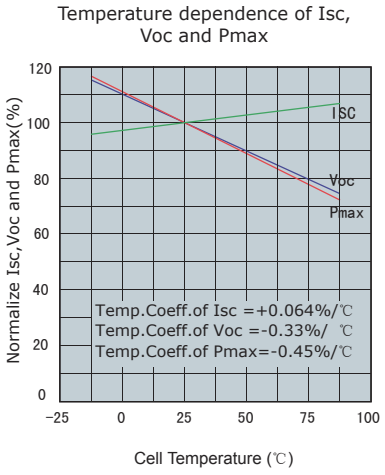
ET-P63645

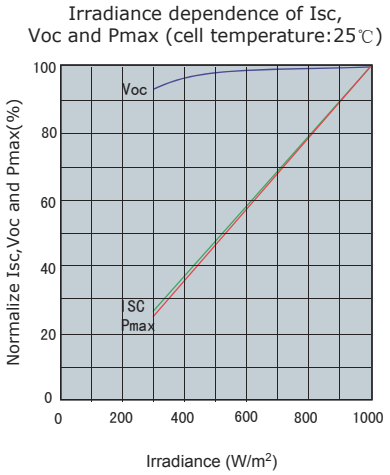


ELECTRICAL CHARACTERISTICS









1000 W/m² 800 W/m² 600 W/m² 400 W/m² 200 W/m²

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℃.
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.