

ET-M53685	85Wp
ET-M53680	80Wp
ET-M53675	75Wp
ET-M53670	70Wp

#### **EFFICIENCY**

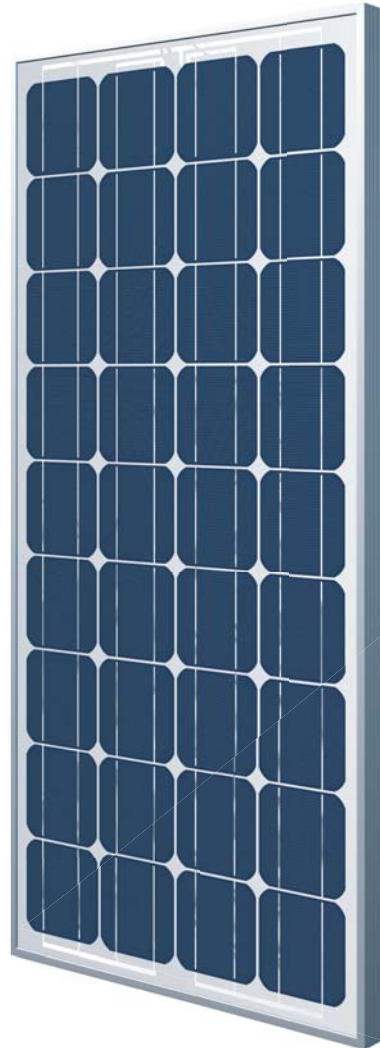
- Low voltage-temperature coefficient allows higher power output at high-temperature condition
- High efficient, high reliable solar cells ensure our product output stability

#### **MATERIALS**

- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- The sturdy, anodized aluminum frame allows the modules to be mounted on a variety of standard racking systems and to withstand harshest conditions
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells
- Innovative, enviromentally friendly packing method using pile-edges ensures modules arrive in perfect condition

#### **BENEFITS**

- Manufactured in an ISO 9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of +/-3%
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship



# ET Module

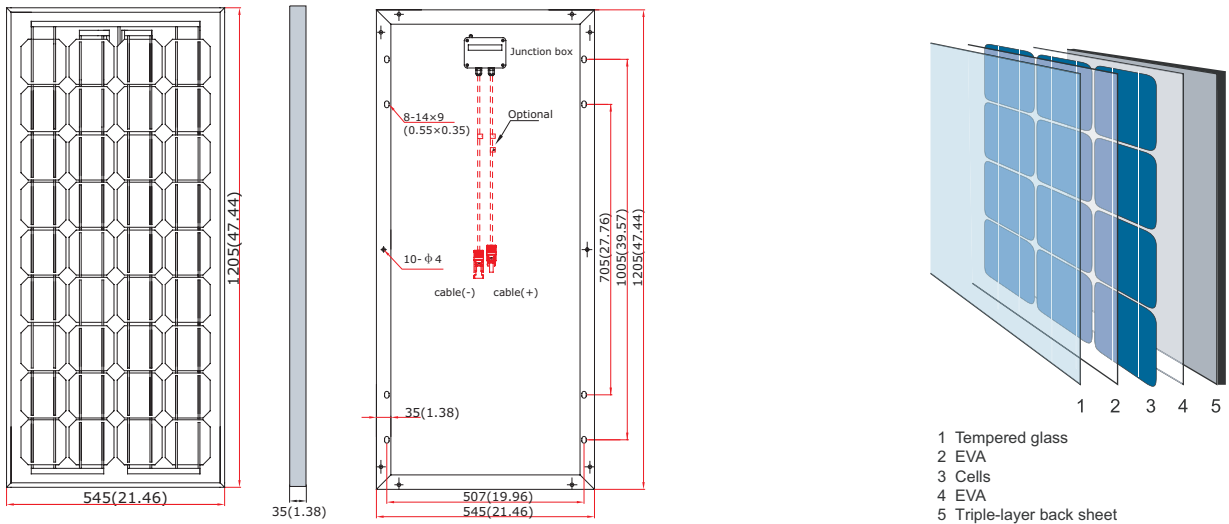
ET-M53685 ET-M53680 ET-M53675 ET-M53670

## SPECIFICATIONS

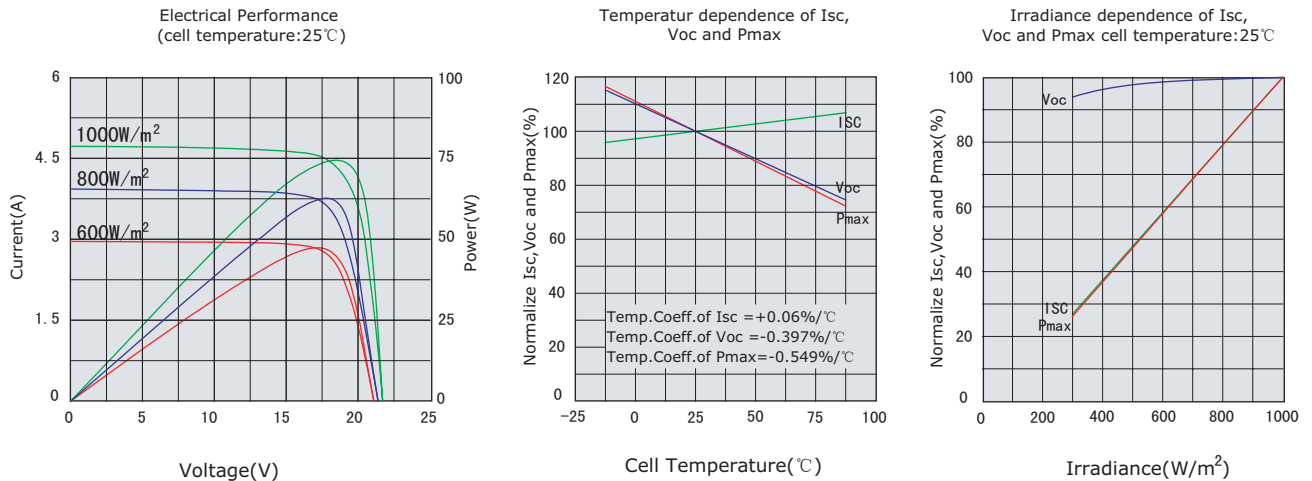
Model type	ET-M53685	ET-M53680	ET-M53675	ET-M53670
Peak power (Pmax)	85W	80W	75W	70W
Cell type	MonoCrystalline Silicon, 125mm x 125mm			
Number of cells	36 cells in a series			
Weight	8.2 kg (18.1lbs)			
Dimensions	1205×545×35mm(47.44×21.46×1.38inch)			
Maximum power voltage (Vmp)	18.05V	17.64V	17.40V	16.90V
Maximum power current (Imp)	4.71A	4.54A	4.31A	4.14A
Open circuit voltage (Voc)	21.94V	21.88V	21.73V	21.45V
Short circuit current (Isc)	5.29A	4.98A	4.72A	4.45A
Maximum system voltage	DC 1000V			
Temp. Coeff. of Isc (TK Isc)	0.06 %/°C			
Temp. Coeff. of Voc (TK Voc)	-0.397 %/°C			
Temp. Coeff. of Pmax (TK Pmax)	-0.549 %/°C			
Normal Operating Cell Temperature	44.4±2°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.

## PHYSICAL CHARACTERISTICS Unit:mm (inch)



## ELECTRICAL CHARACTERISTICS



Please contact [support@etsolar.com](mailto:support@etsolar.com) for technical support.