ET MODULE

ET-M53690 90Wp

UL1703

SPECIFICATIONS

Model type	ET-M53690
Peak power (Pmax)	90W
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)	18.18V
Maximum power current (Imp)	4.95A
Open circuit voltage (Voc)	22.1V
Short circuit current (Isc)	5.53A
Maximum system voltage	DC 1000V
Temp. Coeff. of Isc (TK Isc)	0.06 %/℃
Temp. Coeff. of Voc (TK Voc)	-0.397 %/℃
Temp. Coeff. of Pmax (TK Pmax)	-0.549 %/℃
Normal Operating Cell Temperature	44.4±2℃

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m^2 solar irradiance, 1.5 Air Mass, and cell temperature of 25℃.
The NOCT is obtained under the Test Conditions : 800 W/m^2, 20°C ambient temperature, 1 m/s wind speed, AM 1.5 spectrum.

Please contact support@etsolar.com for technical support.

ET Module

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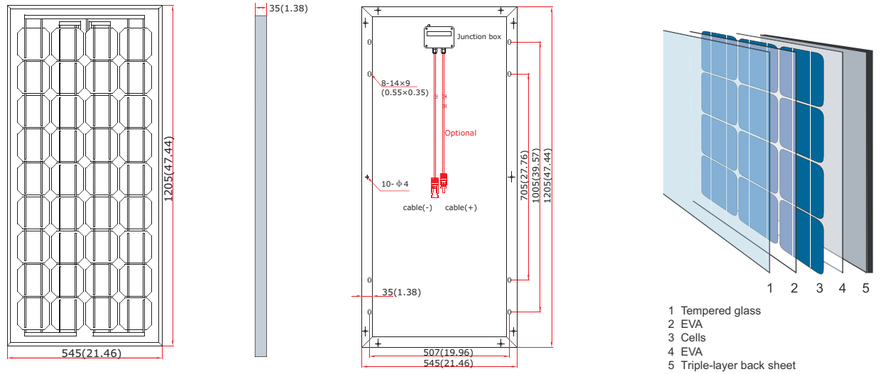
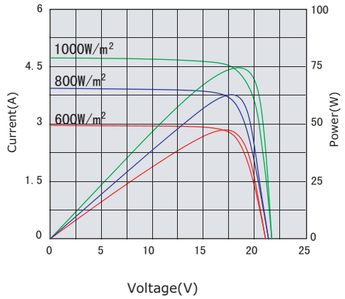
PHYSICAL CHARACTERISTICS Unit:mm (inch)



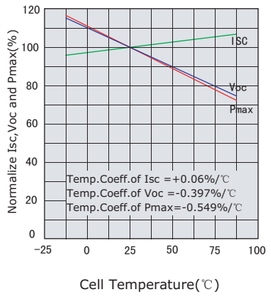
1 Tempered glass
2 EVA
3 Cells
4 EVA
5 Triple-layer back sheet

ELECTRICAL CHARACTERISTICS

Electrical Performance
(cell temperature:25℃)



Temperatur dependence of Isc,
Voc and Pmax



Irradiance dependence of Isc,
Voc and Pmax cell temperature:25℃