Photovoltaics is our passion

ET MODULE

ET-M572185	185Wp
ET-M572180	180Wp
ET-M572175	175Wp
ET-M572170	170Wp
ET-M572165	165Wp
ET-M572160	160Wp
ET-M572155	155Wp

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, environmentally friendly packing method using pile-edges ensures modules arrive in perfect condition
• New frame design incorporating hexagonal shaped drainage holes, with more grounding holes, provide flexible installation and use

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

IEC 61215 Ed.2

TUV-Spec TZE/2.572.09
(Safety Class II)

CE

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ET Module

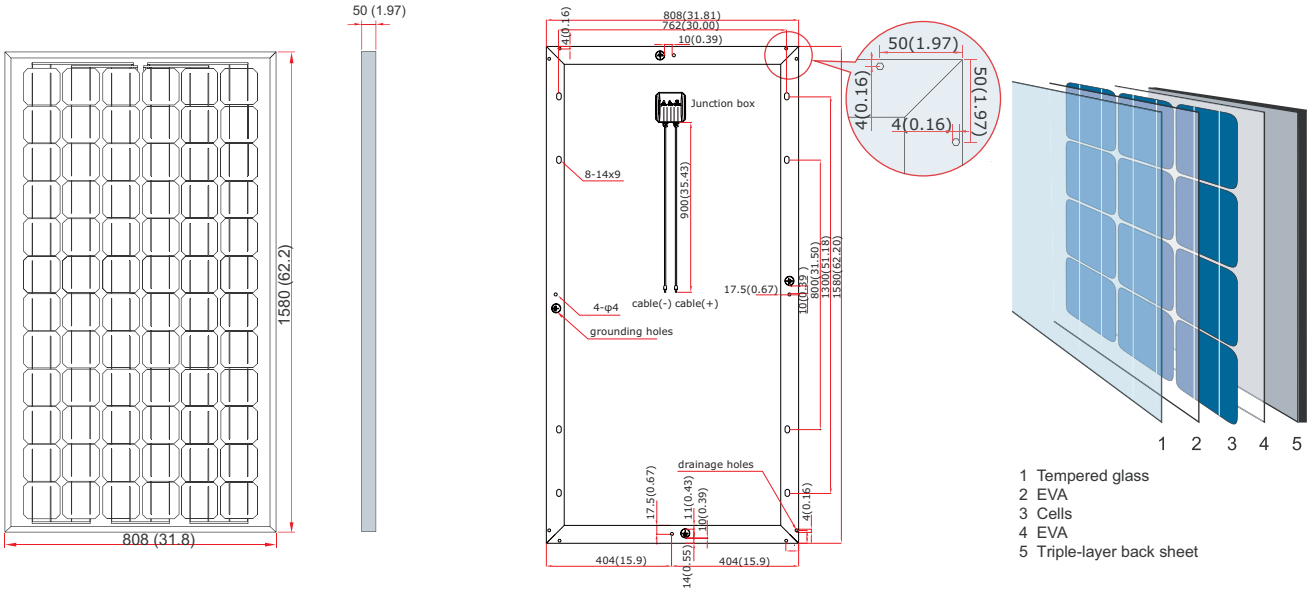
ET-M572185 ET-M572180 ET-M572175 ET-M572170 ET-M572165 ET-M572160 ET-M572155

SPECIFICATIONS

Model type	ET-M572185	ET-M572180	ET-M572175	ET-M572170	ET-M572165	ET-M572160	ET-M572155
Peak power (Pmax)	185W	180W	175W	170W	165W	160W	155W
Cell type	MonoCrystalline Silicon, 125mm x 125mm						
Number of cells	72 cells in series						
Weight	15.5 kg (34.2 lbs)						
Dimensions	1580×808×50 mm(62.2×31.8×1.97 inch)						
Maximum power voltage (Vmp)	36.30V	36.30V	36.24V	36.13V	35.80V	35.62V	35.20V
Maximum power current (Imp)	5.09A	4.95A	4.83A	4.71A	4.60A	4.49A	4.40A
Open circuit voltage (Voc)	44.60V	44.60V	44.25V	44.16V	44.12V	43.90V	43.30V
Short circuit current (Isc)	5.80A	5.61A	5.50A	5.30A	5.19A	5.07A	4.98A
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℃						

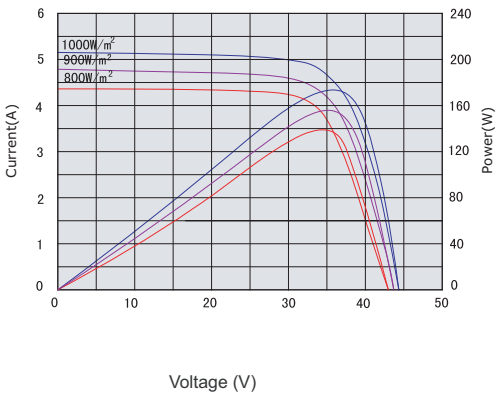
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m^2 solar irradiance, 1.5 Air Mass, and cell temperature of 25℃.

PHYSICAL CHARACTERISTICS Unit:mm (inch)

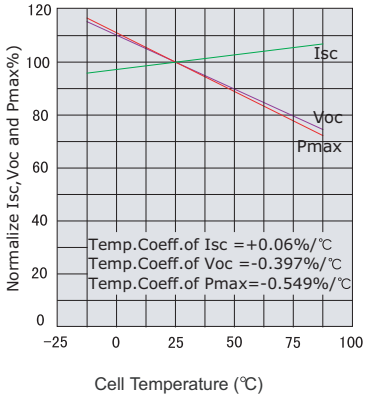


ELECTRICAL CHARACTERISTICS

Electrical performance (cell temperature:25℃)



Temperature dependence of Isc, Voc and Pmax



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