

ET Module

ET-P636100 100Wp

EFFICIENCY

- Low voltage-temperature coefficient ensures high-temperature operation
- Exceptional low-light performance combined with high sensitivity to light enables excellent energy delivery

MATERIALS

- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, anodized aluminum frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells

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



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ET Module

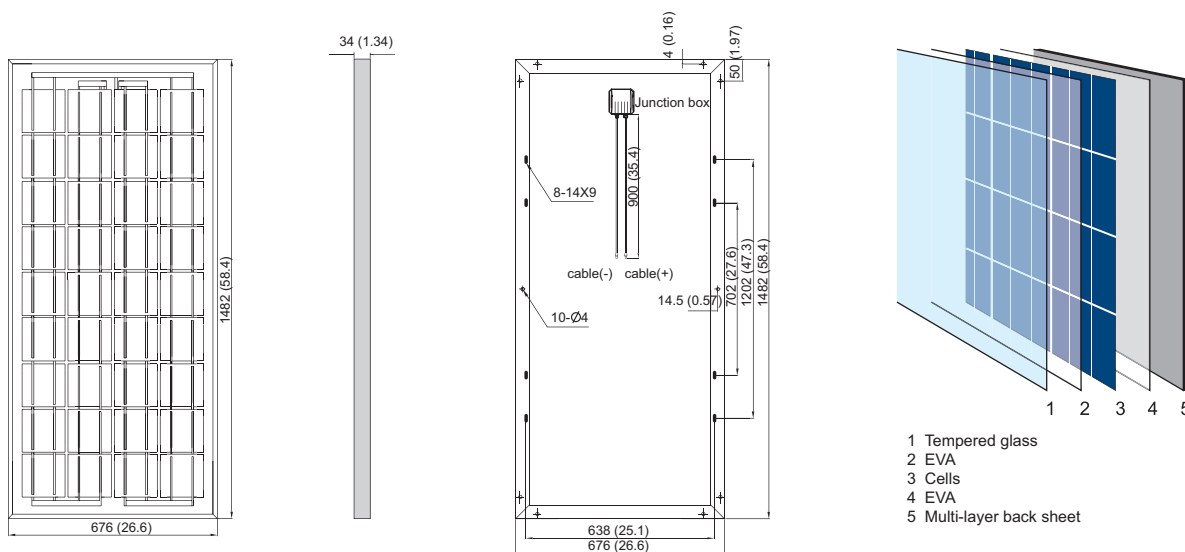
ET-P636100

SPECIFICATIONS

Model type	ET-P636100
Peak power(Pmax)	100W
Cell type	PolyCrystalline Silicon, 156mm x 156mm
Number of cells	36 cells in a series
Weight	12.0 kg (26.5 lbs.)
Dimensions	1482×676×34mm (58.3×26.6×1.3in.)
Maximum power voltage (Vmp)	17.10V
Maximum power current (Imp)	5.90A
Open circuit voltage (Voc)	21.60V
Short circuit current (Isc)	6.42A
Maximum system voltage	DC 1000V
Temp. Coeff. of Isc (TK Isc)	0.058 %/°C
Temp. Coeff. of Voc (TK Voc)	-0.367 %/°C
Temp. Coeff. of Pmax (TK Pmax)	-0.485 %/°C
Normal Operating Cell Temperature	44.4±2°C

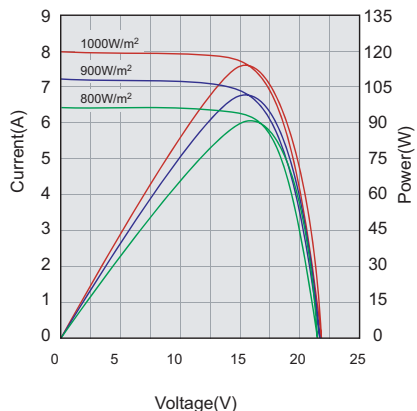
Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

PHYSICAL CHARACTERISTICS Unit:mm(inch)

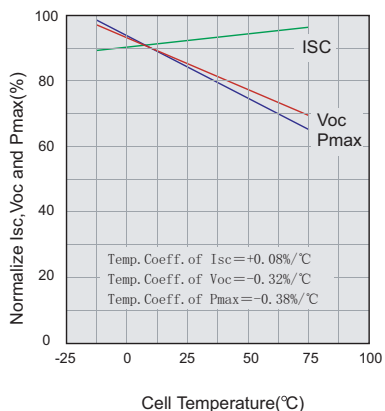


ELECTRICAL CHARACTERISTICS

Electrical performance cell temperature: 25°C



Temperature dependence of Isc, Voc and Pmax



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

