

ELITE PLUS

PV Module

ETP285-60B

ETP290-60B

ETP295-60B

ETP300-60B



Higher Module Efficiency

Brings 5-10W power gain due to half-cut production system



More Energy Yield

Lower NMOT and better temperature coefficient by lower cell series resistance, helps boost energy yield



Lower Operating Temperature, More Reliable

Lower operating temperature and hot spot temperature during the sunny day, making the module prevail during the sunny days



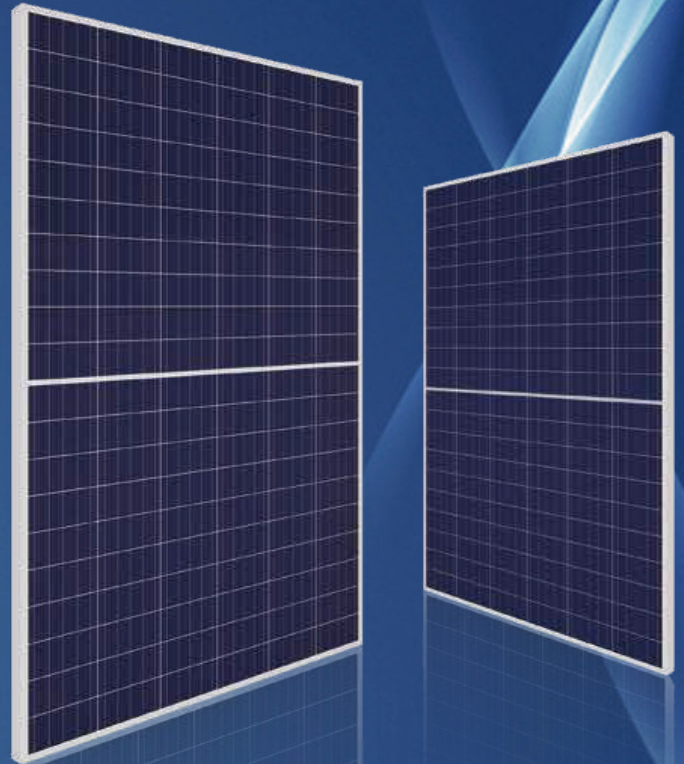
Better Shading Tolerance

Thanks to Paralleling circuit design, more power generated under shading condition and during morning & evening time

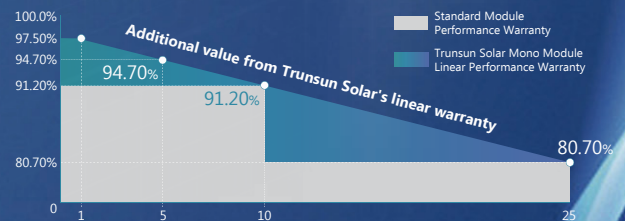


Better Micro Crack Resistance

Minimize the impact by micro crack by limiting cell damage and potentially extending area by half-cut module architecture



LINEAR PERFORMANCE WARRANTY



25 25-years Linear Performance Warranty

10 10-years Product Material & Workmanship



M/ET-PD-EN-EU2019V4
ET Solar New Energy Co.,Ltd

ELECTRICAL SPECIFICATIONS

Model Type	ETP285-60B	ETP290-60B	ETP295-60B	ETP300-60B
Peak Power (Pmax)	285W	290W	295W	300W
Module Efficiency	17.12%	17.42%	17.72%	17.42%
Maximum Power Voltage (Vmp)	32.43V	32.7V	33.00V	33.30V
Maximum Power Current (Imp)	8.79A	8.87A	8.94A	9.01A
Open Circuit Voltage (Voc)±3%	38.69V	38.98V	39.25V	39.53V
Short Circuit Current (Isc)±3%	9.35A	9.42A	9.50A	9.57A
Power Tolerance	0 to +3%			
Operating Temperature	- 40 ~ + 85°C			
Maximum System Voltage	DC 1000V			
Nominal Operating Cell Temperature	42±3°C			
Fire Safety	Class C			
Maximum Series Fuse Rating	15A			

ELECTRICAL SPECIFICATIONS (NOCT)

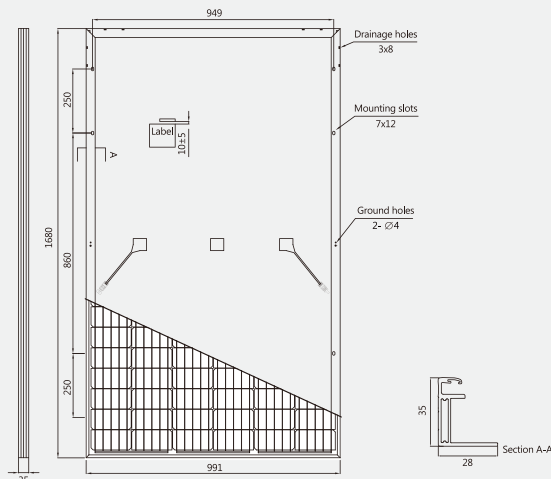
Model Type	ETP285-60B	ETP290-60B	ETP295-60B	ETP300-60B
Peak Power (Pmax)	211W	215W	219W	222W
Maximum Power Voltage (Vmp)	29.93V	30.18V	30.46V	30.74V
Maximum Power Current (Imp)	7.05A	7.12A	7.18A	7.23A
Open Circuit Voltage (Voc)	36.35V	36.62V	36.92V	37.18V
Short Circuit Current (Isc)	7.57A	7.63A	7.67A	7.72A

MECHANICAL SPECIFICATIONS

Cell Type	Poly-Crystalline, 156.75×78.38mm
Number of Cells	120pcs(2×(6×10))
Weight	19kg
Dimension	1680×991×35 mm
Front Cover	3.2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67, 3 Bypass Diodes
Cable Type	4mm ²
Length of Cable	1160mm
Connector	Jiaming: PV-JM601
Origin	China

PHYSICAL CHARACTERISTICS

Unit:mm (inch)



TEMPERATURE COEFFICIENT

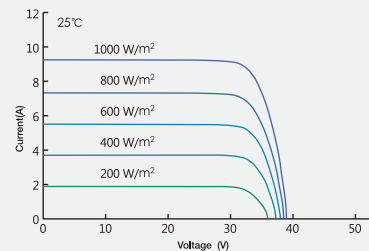
Temp. Coeff. of Isc (TK Isc)	0.05% /°C
Temp. Coeff. of Voc (TK Voc)	-0.33% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.39% /°C

PACKING MANNER

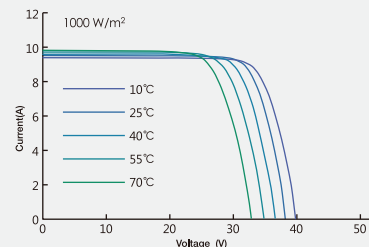
Container	40' HQ
Piece/Pallet	30
Pallet/Container	26
Piece/Container	780

ELECTRICAL CHARACTERISTICS

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures



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. The NOCT is obtained under the Test Conditions: 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@etsolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.