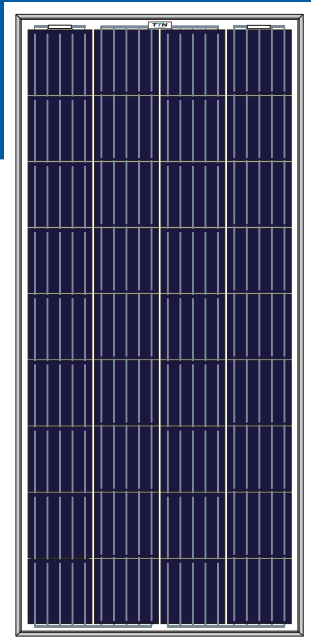


TTN-160-170P36

Polycrystalline Solar Module



APPLICATIONS

- Large terrestrial power station
- Industrial and commercial roof power generation
- Residential roof
- Off grid solar power system

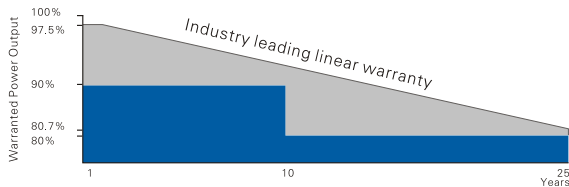


36 CELL Series

10 YEAR Product Warranty

25 YEARS Linear Warranty

Premium Performance Warranty

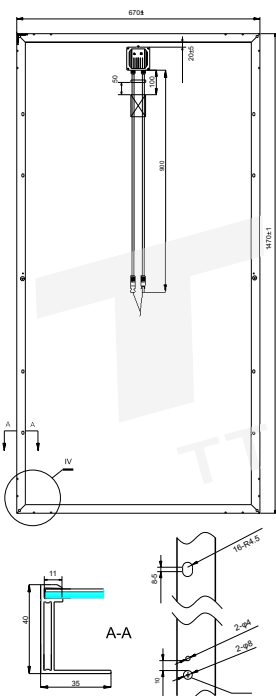


Electrical data

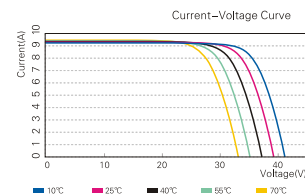
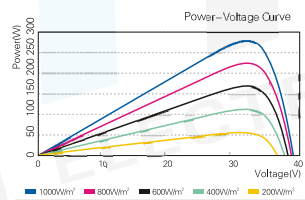
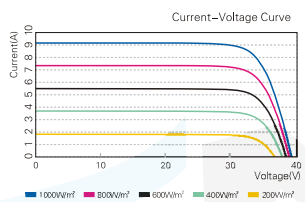
Nominal Power Watt Pmax(Wp)	160Wp	165Wp	170Wp
Power Output Tolerance Pmax(W)	0/+5	0/+5	0/+5
Maximum Power Voltage Vmp(V)	18.79V	19.08V	19.37V
Maximum Power Current Imp(A)	8.52A	8.66A	8.8A
Open Circuit Voltage Voc(V)	22.86V	23.01V	23.25V
Short Circuit Current Ioc(A)	8.97A	9.11A	9.27A
Module Efficiency η (%)	16.24%	16.75%	17.26%
Maximum system voltage	1000V		
Operating temperature	-40°C to +85°C		
NOCT	45°C to $\pm 2^\circ\text{C}$		
Temperature coefficient of Isc	+0.05%/°C		
Temperature coefficient of Voc	-0.34%/°C		
Temperature coefficient of Pm	-0.42%/°C		

Specifications included in this datasheet are subject to change without prior notice

Dimensions



Curve chart



Mechanical data

Solar cells	Mono 156x156mm
Cells orientation	36(4x9)
Module dimension	1470mmx670mmx35mm
Weight	11.5kg
Glass	High transparency, low iron, tempered glass 3.2mm(AR-coating)
Junction box	8Ax9 diodes
Cables	2.5mm ² , 900mm
Connectors	MC4-compatible

Established in 1994