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Solar Panel Guide Specification Data Sheet

Zhejiang TTN Electric Co., Ltd.

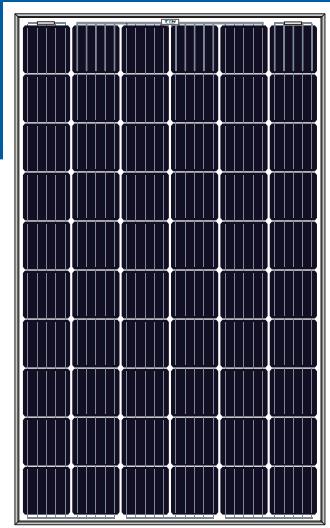
TTN-250-270M60

TTN-M250W-60

Also available on the web at
EnergyPal.com/zhejiang-ttn-electric-co-ltd-solar-panels/ttn-m250w-60

TTN-250-270M60

Monocrystalline Solar Module



APPLICATIONS

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

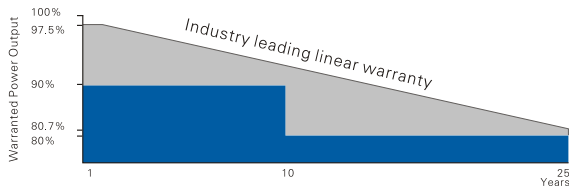


60 CELL Series

10 YEAR Product Warranty

25 YEARS Linear Warranty

Premium Performance Warranty

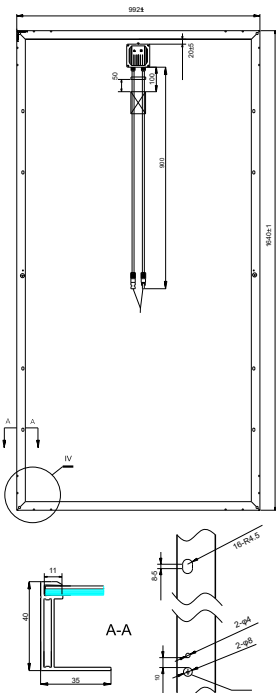


Electrical data

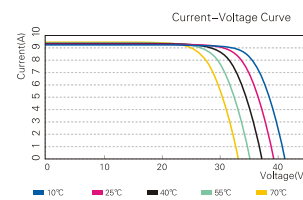
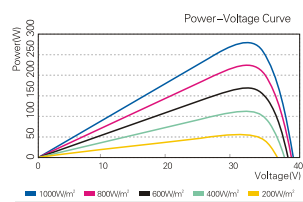
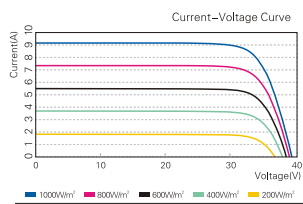
	250Wp	255Wp	260Wp	265Wp	270Wp
Nominal Power Watt Pmax(Wp)	250Wp	255Wp	260Wp	265Wp	270Wp
Power Output Tolerance Pmax(W)	0/+5	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage Vmp(V)	30.49V	30.92V	31.18V	31.48V	31.73V
Maximum Power Current Imp(A)	8.2A	8.25A	8.34A	8.42A	8.51A
Open Circuit Voltage Voc(V)	38.0V	38.1V	38.2V	38.31V	38.42V
Short Circuit Current Ioc(A)	8.78A	8.84A	8.92A	8.96A	8.99A
Module Efficiency η (%)	15.36%	15.67%	15.98%	16.28%	16.59%
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	60(6x10)
Module dimension	1640mmx992mmx40mm
Weight	18.0kg
Glass	High transparency, low iron, tempered glass 3.2mm (AR-coating)
Junction box	8Ax9 diodes
Cables	4mm ² , 900mm
Connectors	MC4-compatible

Established in 1994