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Solar Panel Guide Specification Data Sheet

Zhejiang TTN Electric Co., Ltd.

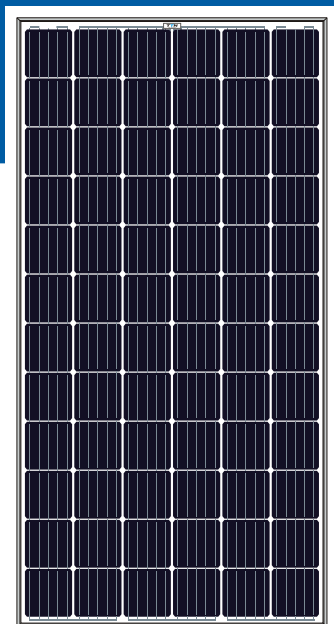
TTN-165-185W-M72

TTN-M165W-72

Also available on the web at
EnergyPal.com/zhejiang-ttn-electric-co-ltd-solar-panels/ttn-m165w-72

TTN-165-185M72

Monocrystalline Solar Module



APPLICATIONS

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

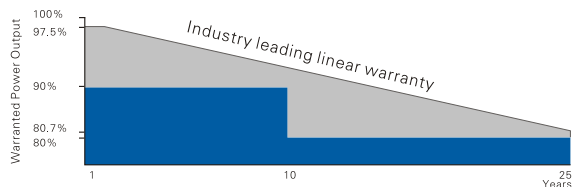


72 CELL Series

10 YEAR Product Warranty

25 YEARS Linear Warranty

Premium Performance Warranty

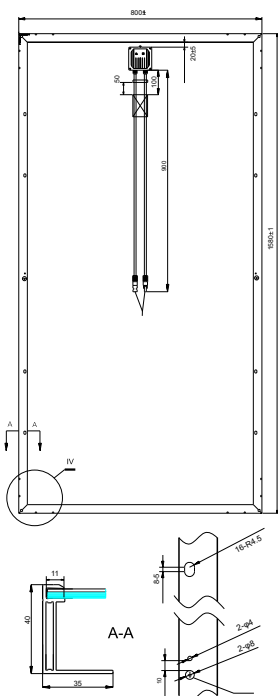


Electrical data

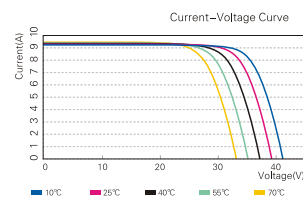
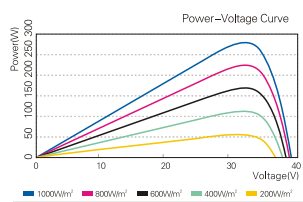
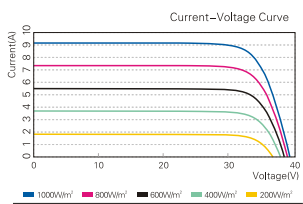
	165Wp	170Wp	175Wp	180Wp	185Wp
Nominal Power Watt Pmax(Wp)	165Wp	170Wp	175Wp	180Wp	185Wp
Power Output Tolerance Pmax(W)	0/+5	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage Vmp(V)	33.95V	34.62V	35.28V	35.93V	36.56V
Maximum Power Current Imp(A)	4.86A	4.91A	4.96A	5.01A	5.06A
Open Circuit Voltage Voc(V)	40.75V	41.54V	42.34V	43.12V	43.87V
Short Circuit Current Ioc(A)	5.83A	5.89A	5.95A	6.01A	6.07A
Module Efficiency η (%)	13.05%	13.44%	13.84%	14.42%	14.63%
Maximum system voltage	1000V				
Operating temperature	-40°C to +85°C				
NOCT	45°C to ± 2 °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 125x125mm
Cells orientation	72(6x12)
Module dimension	1580mmx800mmx35mm
Weight	15kg
Glass	High transparency, low iron, tempered glass 3.2mm(AR-coating)
Junction box	8Ax9 diodes
Cables	2.5 mm ² , 900mm
Connectors	MC4-compatible

Established in 1994