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Solar Panel Guide Specification Data Sheet

Zhejiang TTN Electric Co., Ltd.

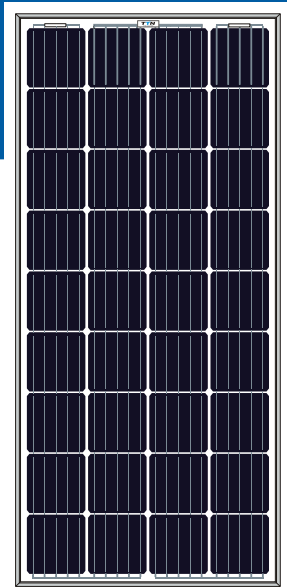
TTN-100-105M36

TTN-M105W

Also available on the web at
EnergyPal.com/zhejiang-ttn-electric-co-ltd-solar-panels/ttn-m105w

TTN-100-105M36

Monocrystalline Solar Module



APPLICATIONS

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

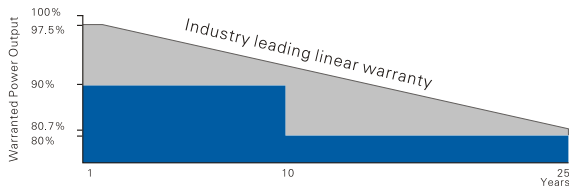


36 CELL Series

10 YEAR Product Warranty

25 YEARS Linear Warranty

Premium Performance Warranty

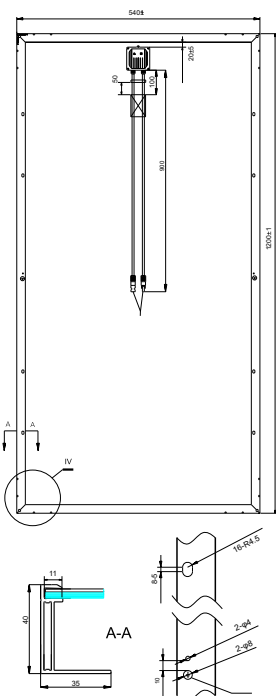


Electrical data

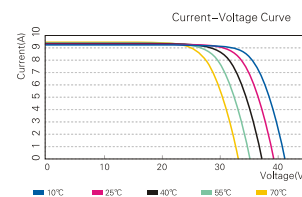
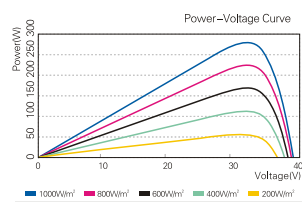
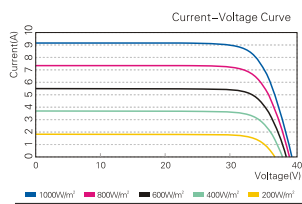
Nominal Power Watt Pmax(Wp)	100Wp	105Wp
Power Output Tolerance Pmax(W)	0/+5	0/+5
Maximum Power Voltage Vmp(V)	18V	18V
Maximum Power Current Imp(A)	5.55A	5.83A
Open Circuit Voltage Voc(V)	21.6V	21.6V
Short Circuit Current Ioc(A)	6.11A	6.41A
Module Efficiency η (%)	15.43%	16.2%
Maximum system voltage	1000V	
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 125x125mm
Cells orientation	36(4x9)
Module dimension	1200mmx540mmx35mm
Weight	7kg
Glass	High transparency, low iron, tempered glass 3.2mm(AR-coating)
Junction box	8Ax9 diodes
Cables	1.5mm ² , 900mm
Connectors	MC4-compatible

Established in 1994