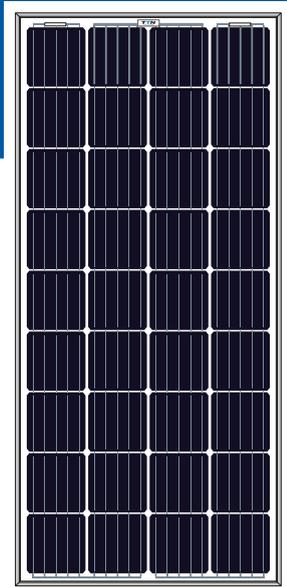


# TTN-100-105M36

Monocrystalline Solar Module



## APPLICATIONS

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

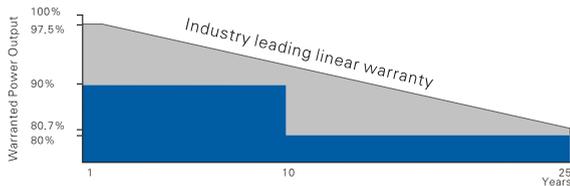


**36** CELL Series

**10** YEAR Product Warranty

**25** YEARS Linear Warranty

## Premium Performance Warranty

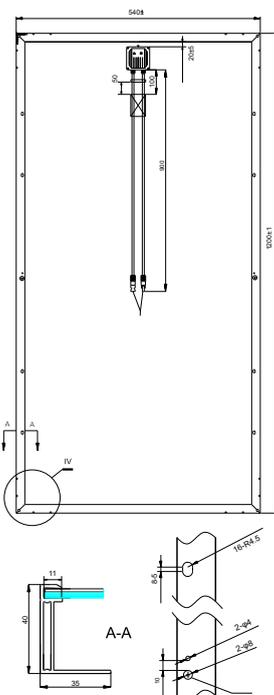


## Electrical data

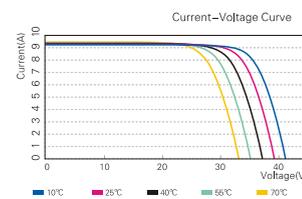
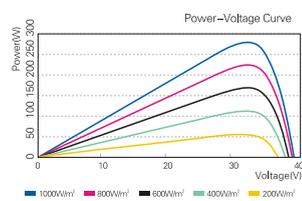
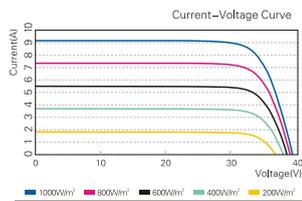
Nominal Power Watt Pmax(Wp)	100Wp	105Wp
Power Output Tolerance Pmax(W)	0/+5	0/+5
Maximum Power Voltage Vmp(V)	18V	18V
Maximum Power Current Imp(A)	5.55A	5.83A
Open Circuit Voltage Voc(V)	21.6V	21.6V
Short Circuit Current Ioc(A)	6.11A	6.41A
Module Efficiency $\eta$ (%)	15.43%	16.2%
Maximum system voltage	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 <sup>2</sup> , 900mm
Connectors	MC4-compatible

Established in 1994