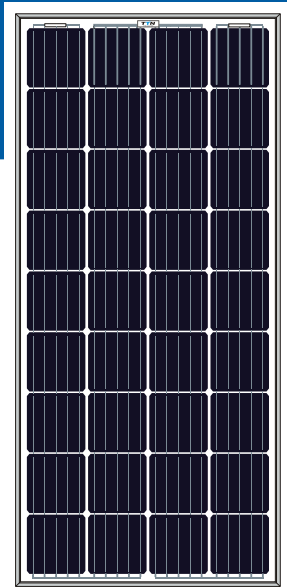


# TTN-150-160M36

Polycrystalline Solar Module



## APPLICATIONS

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

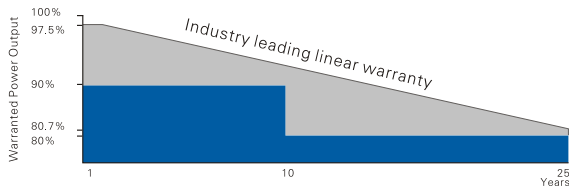


**36** CELL Series

**10** YEAR Product Warranty

**25** YEARS Linear Warranty

## Premium Performance Warranty

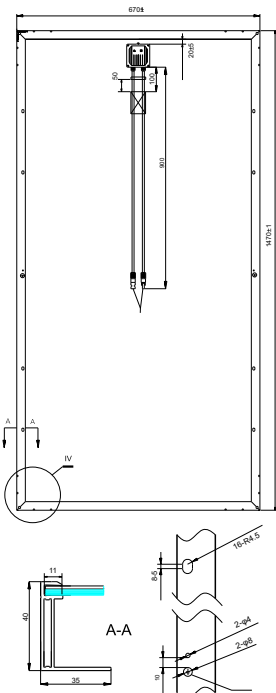


## Electrical data

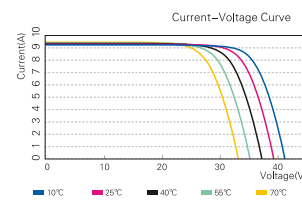
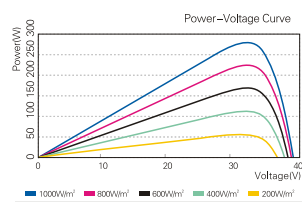
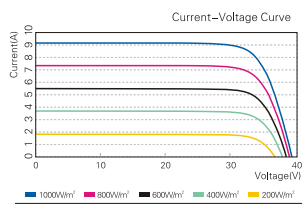
|                                | 150Wp                         | 155Wp  | 160Wp  |
|--------------------------------|-------------------------------|--------|--------|
| Nominal Power Watt Pmax(Wp)    | 150Wp                         | 155Wp  | 160Wp  |
| Power Output Tolerance Pmax(W) | 0/+5                          | 0/+5   | 0/+5   |
| Maximum Power Voltage Vmp(V)   | 18.3V                         | 18.59V | 19.01V |
| Maximum Power Current Imp(A)   | 8.2A                          | 8.34A  | 8.42A  |
| Open Circuit Voltage Voc(V)    | 22.8V                         | 22.91V | 23.01V |
| Short Circuit Current Ioc(A)   | 8.78A                         | 8.87A  | 8.97A  |
| Module Efficiency $\eta$ (%)   | 15.22%                        | 15.73% | 16.24% |
| 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 <sup>2</sup> , 900mm                                    |
| Connectors        | MC4-compatible  |

Established in 1994