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Solar Panel Guide Specification Data Sheet

Zhejiang TTN Electric Co., Ltd.

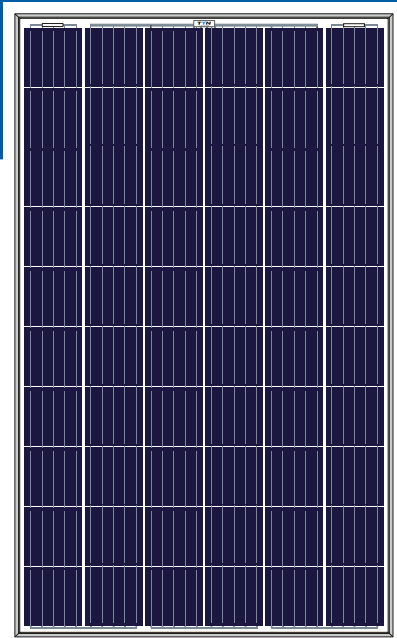
TTN-250-260P60

TTN-P255W-60

Also available on the web at
EnergyPal.com/zhejiang-ttn-electric-co-ltd-solar-panels/ttn-p255w-60

TTN-250-260P60

Polycrystalline Solar Module



APPLICATIONS

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

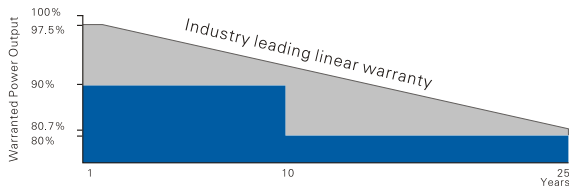


72 CELL Series

10 YEAR Product Warranty

25 YEARS Linear Warranty

Premium Performance Warranty

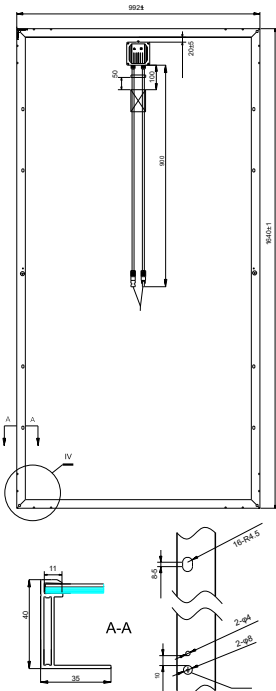


Electrical data

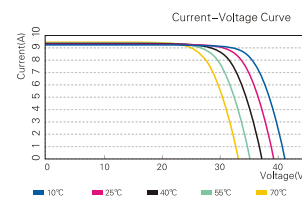
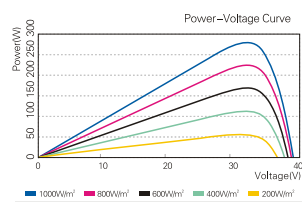
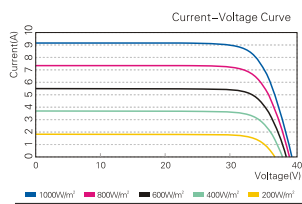
| | 250Wp | 255Wp | 260Wp |
|--------------------------------|-------------------|--------|--------|
| Nominal Power Watt Pmax(Wp) | 250Wp | 255Wp | 260Wp |
| Power Output Tolerance Pmax(W) | 0/+5 | 0/+5 | 0/+5 |
| Maximum Power Voltage Vmp(V) | 29.95V | 30.29V | 30.63V |
| Maximum Power Current Imp(A) | 8.35A | 8.42A | 8.49A |
| Open Circuit Voltage Voc(V) | 37.63V | 37.83V | 37.97V |
| Short Circuit Current Ioc(A) | 8.9A | 8.97A | 9.05A |
| Module Efficiency η (%) | 15.36% | 15.67% | 15.98% |
| Maximum system voltage | 1000V | | |
| Operating temperature | -40°C to +85°C | | |
| NOCT | 45°C to \pm 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 156x156mm |
| Cells orientation | 60(6x10) |
| Module dimension | 1640mmx992mmx40mm |
| Weight | 18kg |
| 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