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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Zhejiang TTN Electric Co., Ltd.**

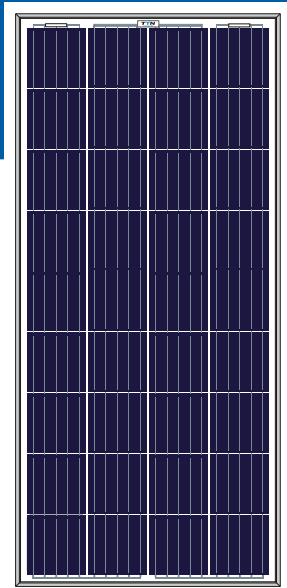
**TTN-150-155W-P36**

**TTN-P155W-36**

Also available on the web at  
[EnergyPal.com/zhejiang-ttn-electric-co-ltd-solar-panels/ttn-p155w-36](http://EnergyPal.com/zhejiang-ttn-electric-co-ltd-solar-panels/ttn-p155w-36)

# TTN-150-155P36

Polycrystalline Solar Module



## APPLICATIONS

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

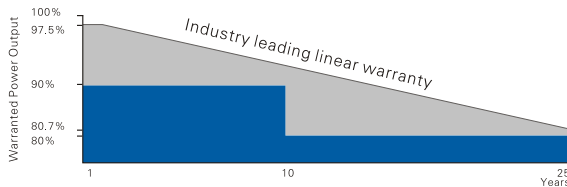


**36** CELL Series

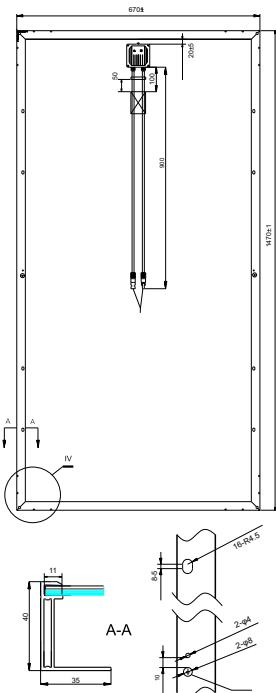
**10** YEAR Product Warranty

**25** YEARS Linear Warranty

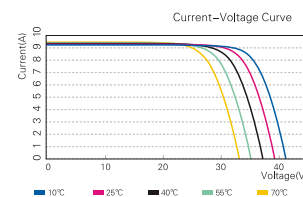
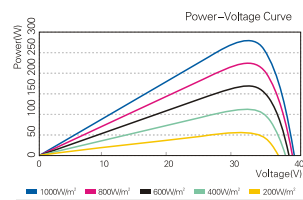
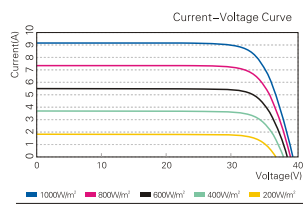
## Premium Performance Warranty



## Dimensions



## Curve chart



## Electrical data

|                                |                               |        |
|--------------------------------|-------------------------------|--------|
| Nominal Power Watt Pmax(Wp)    | 150Wp                         | 155Wp  |
| Power Output Tolerance Pmax(W) | 0/+5                          | 0/+5   |
| Maximum Power Voltage Vmp(V)   | 18.21V                        | 18.5V  |
| Maximum Power Current Imp(A)   | 8.24A                         | 8.38A  |
| Open Circuit Voltage Voc(V)    | 22.6V                         | 22.73V |
| Short Circuit Current Ioc(A)   | 8.73A                         | 8.85A  |
| Module Efficiency $\eta$ (%)   | 15.22%                        | 15.73% |
| 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

## 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