



泰普能源科技
SHENZHEN TAIPO
ENERGY TECHNOLOGY CO.,LTD

TP-310~330P-72

6×12PCS 6" POLY SOLAR CELL
POLY CRYSTALLINE MODULE

Positive power tolerance 0~+3W

TAIPO Solar

Key Features



Long Warranty:

10 years for product
25 years for power output



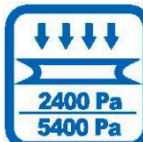
High Efficiency:

High module conversion efficiency(up to 17.01%)
through innovative manufacturing technology.



Low-light Performance:

Advanced glass and solar cell surface texturing allow
for excellent performance in low-light environments.



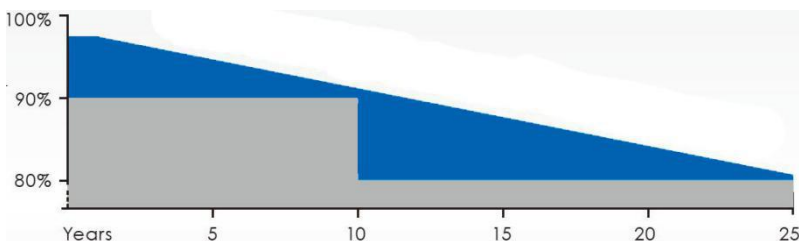
Severe Weather Resilience:

Wind load up to 3800Pa/ snow load up to 5400Pa



Durability against extreme environmental conditions:

High salt mist and ammonia corrosion resistance tests
passed



SPECIFICATIONS

| Item No. | TP-310P-72 | TP-315P-72 | TP-320P-720 | TP-325P-72 | TP-330P-72 |
|--|--|------------|-------------------------|------------|------------|
| | STC | | | | |
| Max Power(Pmax) | 310W | 315W | 320W | 325W | 330W |
| Max Power Voltage(Vmp) | 37V | 37.2V | 37.4V | 37.6V | 37.7V |
| Max Power Current(Imp) | 8.38A | 8.48A | 8.56A | 8.66A | 8.74A |
| Open Circuit Voltage(Voc) | 45.9V | 46.2V | 46.4V | 46.7V | 46.9V |
| Short Circuit Current (Isc) | 8.96A | 9.01A | 9.05A | 9.1A | 9.14A |
| Module Efficient STC (%) | 15.98% | 16.23% | 16.49% | 16.75% | 17.01% |
| Operating Temperature(°C) | -40°C ~+85°C | | | | |
| Max system voltage | 1000VDC (IEC) | | | | |
| Max series fuse rating | 15A | | | | |
| Power tolerance | 0~+3W | | | | |
| Temperature coefficient of Pmax | -0.42%/°C | | | | |
| Temperature coefficient of Voc | -0.32%/°C | | | | |
| Temperature coefficient of Isc | 0.05%/°C | | | | |
| Nominal operating cell temperature(NOCT) | 45 ± 2°C | | | | |
| | STC: Irradiance 1000W/m ² ; | | Cell Temperature: 25°C; | | AM=1.5 |

Mechanical Characteristics

| | | |
|-----------------|---|--|
| Cell Type | Poly-crystalline 156*156mm (6inch) | |
| Number of cells | 72(6*12)pcs | |
| Dimension | 1956*992*40mm | |
| Weight | 26.5KG (58.4lbs) | |
| Front Glass | 3.2mm,High Transmission,Low Iron,Tempered Glass | |
| Frame | Anodized Aluminum Alloy | |
| Junction Box | Waterproof IP67 Rated | |
| Output Cables | TUV 1*4.0mm ² , Length: 900mm | |

Packing Configuration

| | | |
|-----------------------|--------|--------|
| Container | 20' GP | 40' HQ |
| Pieces per pallet | 25 | 25 |
| Pallets per container | 10 | 24 |
| Pieces per container | 250 | 600 |

