



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

TP-255~275P-60

6×10PCS 6'' POLY SOLAR CELL
POLY CRYSTALLINE MODULE

Positive power tolerance of 0/+3W

TAIPO Solar

Key Features



Long Warranty:

10 years for product
25 years for power output



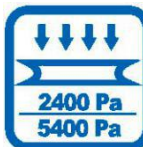
High Efficiency:

High module conversion efficiency(up to 16.9%)
through innovative manufacturing technology.



Low-light Performance:

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



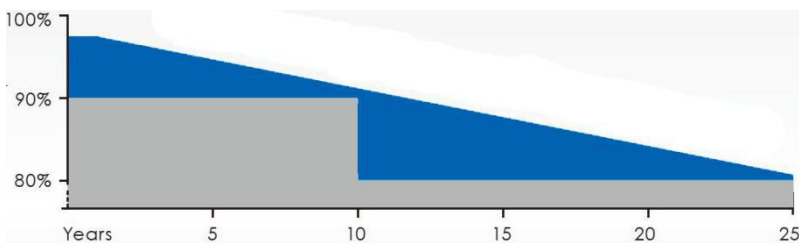
Severe Weather Resilience:

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-255P-60 | TP-260P-60 | TP-265P-60 | TP-270P-60 | TP-275P-60 |
|--|--|-------------------------|------------|------------|------------|
| | STC | | | | |
| Max Power(Pmax) | 255W | 260W | 265W | 270W | 275W |
| Max Power Voltage(Vmp) | 30V | 30.3V | 30.5V | 30.7V | 31V |
| Max Power Current(Imp) | 8.49A | 8.59A | 8.7A | 8.8A | 8.9A |
| Open Circuit Voltage(Voc) | 37.7V | 37.7V | 37.8V | 37.9V | 37.9V |
| Short Circuit Current (Isc) | 9.01A | 9.09A | 9.18A | 9.27A | 9.35A |
| Module Efficient STC (%) | 15.7% | 16% | 16.3% | 16.6% | 16.9% |
| 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 | 60(6*10)pcs | |
| Dimension | 1640*992*40mm/35mm | |
| Weight | 18.5KG (40.7lbs) | |
| 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 | 26 | 26 |
| Pallets per container | 12 | 28 |
| Pieces per container | 312 | 728 |

