



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

TP-140~160P-36

4×9PCS 6" POLY SOLAR CELL
POLY CRYSTALLINE MODULE

Positive power tolerance 0~+3W

TAIPO Solar

Key Features



Long Warranty:

5 years for product
25 years for power output



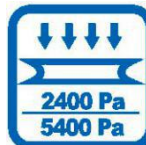
High Efficiency:

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.



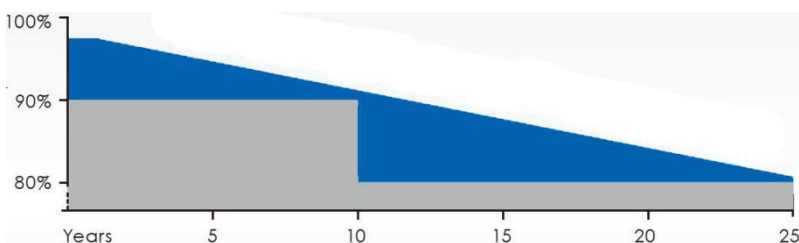
Severe Weather Resilience:

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-140P-36	TP-145P-36	TP-150P-36	TP-155P-36	TP-160P-36
	STC				
Max Power(Pmax)	140W	145W	150W	155W	160W
Max Power Voltage(Vmp)	18.1V	18.2V	18.4V	18.6V	18.8V
Max Power Current(Imp)	7.73A	7.95A	8.15A	8.34A	8.51A
Open Circuit Voltage(Voc)	22.2V	22.4V	22.5V	22.7V	22.9V
Short Circuit Current (Isc)	8.30A	8.46A	8.82A	9.02A	9.21A
Module Efficient STC (%)	14.3%	14.8%	15.3%	15.8%	16.3%
Operating Temperature(°C)	-40°C ~+85°C				
Max system voltage	1000VDC (IEC)				
Max series fuse rating	10A				
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	36(4*9)pcs	
Dimesion	1480*670*35mm	
Weight	12KG	
Front Glass	3.2mm,High Transmission,Low Iron,Tempered Glass	
Frame	Anodized Aluminum Alloy	
Junction Box	Waterproof IP67 Rated	
Output Cable	Optional	
Connector	Optional	

Packing Configuration

Container	20' GP	40' HQ
Pieces per carton	2	2
Cartons per pallet	28	28
Pallets per container	10	22
Pieces per container	560	1232

