



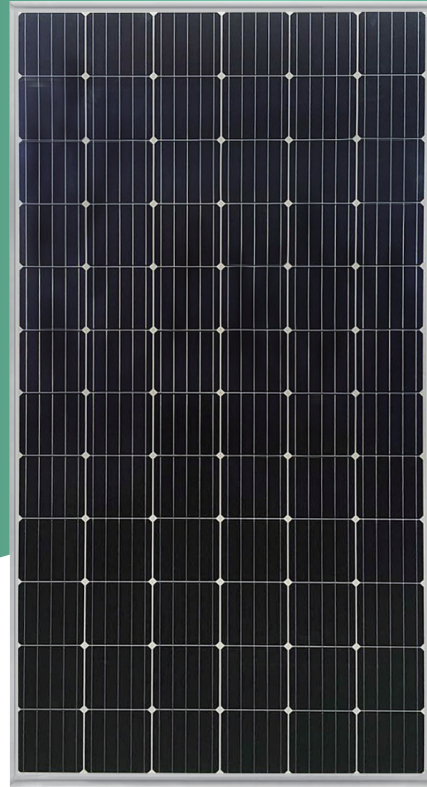
Mono Crystalline 72 Cells 385-400 watt

MONO PERC MODULE

Positive power tolerance of 0~+3%

ISO9001:20015 ISO14001:2015

IEC61215, IEC61730,
Certified product



5 Busbar Solar Cell

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance making it perfect for rooftop installation.



High Efficiency

Higher module conversion efficiency (up to 20.17%) benefit from Passivated Emitter Rear Contact (PERC) technology.



PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.



Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.



Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

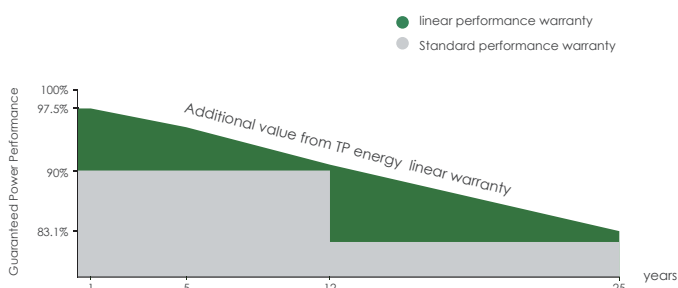


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance certified by TUV Rheinland.

► Superior Warranty

TP ENERGY SOLAR PERFORMANCE WARRANTY

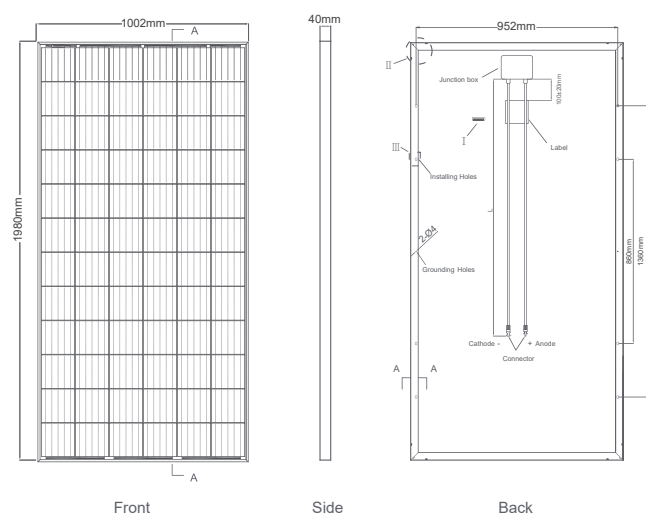


► Comprehensive Certificates

IEC61215/IEC61730/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse Gases Emissions Verification
OHSAS 18001: Occupation Health and Safety Management System



► DIMENSIONS OF PV MODULE(mm)



► MECHANICAL DIAGRAMS

Cell Type	Mono PERC 158.75x158.75mm
No.of cells	72 (6x12)
Dimensions	1980x1002x40mm
Weight	22.5kg
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
J-Box	IP68 Rated
Output Cables	TUV 1x4.0mm ² Length 900/1200mm or Customized Length

► Electrical Characteristics

Module Type	TP72-385M		TP72-390M		TP72-395M		TP72-400M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	385Wp	290Wp	390Wp	294Wp	395Wp	298Wp	400Wp	302Wp
Maximum Power Voltage (Vmp)	39.90V	38.70V	40.21V	38.21V	40.48V	38.38V	40.74V	38.64V
Maximum Power Current (Imp)	9.65A	7.69A	9.70A	7.74A	9.76A	7.81A	9.82A	7.86A
Open-circuit Voltage (Voc)	49.04V	47.64V	49.35V	48.05V	49.64V	48.34V	49.94V	48.64V
Short-circuit Current (Isc)	10.17A	8.09A	10.22A	8.12A	10.27A	8.13A	10.32A	8.15A
Module Efficiency STC (%)	19.42%		19.67%		19.92%		20.17%	

► Temperature Ratings

NMOT (Nominal Module Operating Temperature)	45°C (±2°C)
Temperature Coefficient of Pmax	- 0.37%/°C
Temperature Coefficient of Voc	- 0.29%/°C
Temperature Coefficient of Isc	0.048%/°C

► Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1000/1500VDC (IEC)
Max Series Fuse Rating	20A

► Warranty

12 Years Product Workmanship Warranty
25 Years Power Warranty

► Packaging Configuration

Modules per pallet:	27 pcs
Modules per 40HQ container	594pcs

► I-V-Curve

