

MIPRO TP672P

Polycrystalline Solar Module

72 Cell Series with Multi Bus-bar Cell Technology



KEY FEATURES

340W

Highest power output

12 Bus-bar

Cell Technology

Anti PID

Certified by TUV Rheinland

25 years

Linear power output warranty

10 years

Material & workmanship warranty

Enhanced Module Efficiency up to 17.5%

- 12 Bus-Bar grid pattern technology: reduce 3% of shading area of cell
- Lower Rs, higher power output
- Concentration effect of round photovoltaic solder strip

High Reliability and Enhance Power Output of System

- Enhanced anti micro-cracking performance with balanced interior stress
- Significantly lower the risk of hot spot by lowering module temperature in shading
- Higher power output with lower LCOE

Aesthetic Appearance

- Beautiful appearance, ideal for applications that require architectural aesthetics

Robust Design

- Strong anodized aluminium alloy frame, certified to withstand up to 2400 Pa wind load and up to 5400 Pa snow load

Complete System and Product Certificates

- IEC 61215, IEC 61730, UL 1703
- ISO 9001: 2008: ISO Quality Management System
- ISO 14001: 2004: ISO Environment Mangement System
- OHSAS 18001: 2007: Occupational Health and Safety Management System



ABOUT TALESUN

Suzhou Talesun Solar Technologies Co., Ltd. is one of the world's largest integrated PV manufacturers. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry. With over 6 GW of modules installed globally, we are a leading solar energy company built upon proven product reliability and sustainable performance.

PERFORMANCE WARRANTY

Polycrystalline Solar Cell Modules

- During the first year, TALESUN guarantees the nominal power output of the product will be no less than 97.5% of the labeled power output.
- From year 2 to year 24, the nominal power decline will be no more than 0.7% in each year; by the end of year 25, the nominal power output will be no less than 80.7% of the labeled power output.

ELECTRICAL PARAMETERS

Performance at STC (Power Tolerance 0 - +3%)			
Maximum Power (Pmax/W)	330	335	340
Operating Voltage (Vmpp/V)	37.7	38.0	38.3
Operating Current (Impp/A)	8.76	8.82	8.89
Open-Circuit Voltage (Voc/V)	45.9	46.2	46.4
Short-Circuit Current (Isc/A)	9.27	9.34	9.40
Module Efficiency ηm(%)	17.0	17.2	17.5
Performance at NOCT			
Maximum Power (Pmax/W)	243	247	251
Operating Voltage (Vmpp/V)	34.6	34.9	35.1
Operating Current (Impp/A)	7.04	7.09	7.15
Open-Circuit Voltage (Voc/V)	42.3	42.6	42.8
Short-Circuit Current (Isc/A)	7.51	7.56	7.61

*STC: 1000W/m², 25°C, AM 1.5 *NOCT: 800W/m², 20°C, AM 1.5, Wind Speed: 1m/s

MECHANICAL SPECIFICATION

Cell Type	Poly Crystalline
Cell Dimensions	156.75*156.75mm(6inch), multi-busbar
Cell Arrangement	72(6*12)
Weight	22kg(48.5lbs)
Module Dimensions	1960*992*40mm(77.17*39.06*1.57inch)
Cable Length	1200mm(47.24inch)
Cable Cross Section Size	4mm²(0.006sq.in)
Front Glass	3.2mm High Transmission, Tempered Glass
No.of Bypass Diodes	3/6
Packing Configuration (1)	27pcs/Pallet, 648pcs/40hq
Packing Configuration (2)	27pcs+4pcs/Pallet, 696pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP65/IP67

OPERATING CONDITIONS

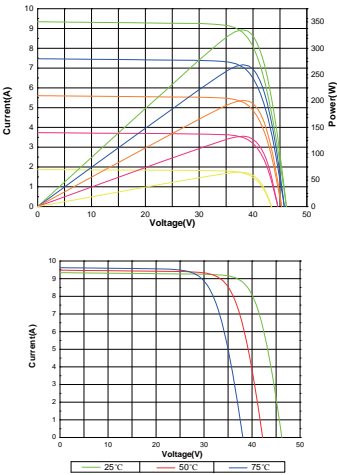
Maximum System Voltage	DC1000V(IEC)/DC1500V(IEC)
Operating Temp.	-40℃~+85℃
Maximum Series Fuse	15A
Static Loading	5400Pa
Conductivity at Ground	≤ 0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	MC4 Compatible

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TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.40%/°C
Temperature Coefficient Voc	-0.31%/°C
Temperature Coefficient Isc	+0.06%/°C
NOCT	45±2 °C

I-V CURVE
MIPRO TP672P Pm(W)335



TECHNICAL DRAWINGS

