

# HIPRO PERC mono

## TP672M / TP672M(H)

### 360 / 365 / 370 / 375 / 380 / 385 W

High Efficiency PERC Monocrystalline Solar Module  
72-Cell Series



#### KEY FEATURES



#### Maximize limited space

PERC cell technology, maximum power output 385W



#### Excellent low light performance

Advanced surface texturing·Back surface field



#### Excellent Anti-PID performance

2 times of industry standard Anti-PID test by TUV SUD



#### Highly reliable due to stringent quality control

In-house testing goes well beyond certification requirements



#### Certified to withstand the most challenging environmental conditions

2400 Pa wind load·5400 Pa snow load·25 mm hail stones at 82 km/h



#### IP68 junction box

The highest waterproof level



#### Lower temperature coefficients

Enhance power generation

#### ABOUT TALESUN SOLAR

TALESUN Solar is one of the world's largest integrated clean energy providers with 4 GW cell and 5 GW module production capacity globally. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry. Talesun Solar is committed to provide customers with customized; systematized and trustworthy turnkey solutions.

#### SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 1703
- ISO 9001 : 2015 Quality Management System
- ISO 14001 : 2015 Environment Mangement System
- ISO 45001 : 2018 Occupational Health and Safety Management Systems



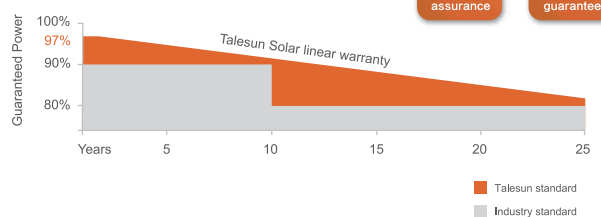
#### QUALITY WARRANTY

TALESUN guarantees that defects will not appear in materials and workmanship defined by IEC61215, IEC61730 or UL1703 under normal installation, use and maintenance as specified in Talesun' s installation manual for 10 years from the warranty starting date.



#### PERFORMANCE WARRANTY

Monocrystalline Solar Module



## ELECTRICAL PARAMETERS

### Performance at STC (Power Tolerance 0 - +3%)

Maximum Power(Pmax/W)	360	365	370	375	380	385
Operating Voltage(Vmpp/V)	39.1	39.3	39.6	39.8	40.0	40.3
Operating Current(Imp/A)	9.21	9.29	9.35	9.43	9.50	9.57
Open-Circuit Voltage(Voc/V)	47.8	48.0	48.3	48.5	48.7	49.0
Short-Circuit Current(Isc/A)	9.70	9.77	9.83	9.89	9.97	10.04
Module Efficiency ηm(%)	18.5	18.8	19.0	19.3	19.5	19.8

### Performance at NMOT

Maximum Power(Pmax/W)	268.6	272.3	276.2	279.9	283.4	287.5
Operating Voltage(Vmpp/V)	36.5	36.7	37.0	37.2	37.4	37.6
Operating Current(Imp/A)	7.35	7.41	7.46	7.52	7.58	7.64
Open-Circuit Voltage(Voc/V)	44.5	44.7	45.0	45.2	45.4	45.6
Short-Circuit Current(Isc/A)	7.83	7.89	7.93	7.98	8.05	8.10

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

## MECHANICAL SPECIFICATION

Cell Type	Mono-Crystalline Silicon (5Busbar)
Cell Dimensions	156.75*156.75mm(6inches)
Cell Arrangement	72(6*12)
Weight	22kg(48.5lbs)
Module Dimensions	1960*992*35mm (77.17*39.06*1.38inches)
Cable Length	1200mm(47.24inches)
Cable Cross Section Size	4mm <sup>2</sup> (0.006inches <sup>2</sup> )
Front Glass	3.2mm High Transmission, Tempered Glass
No.of Bypass Diodes	3/6
Packing Configuration (1)	30pcs/Pallet,720pcs/40hq
Packing Configuration (2)	30pcs+5pcs/Pallet,780pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

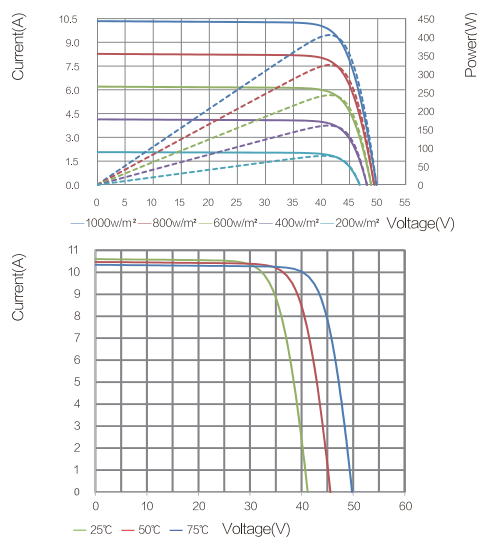
## OPERATING CONDITIONS

Maximum System Voltage	1000V/DC(IEC)/1500V/DC(IEC)
Operating Temp	-40°C~+85°C
Maximum Series Fuse	20A
Static Loading	5400Pa
Conductivity at Ground	≤ 0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	MC4 Compatible

## TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.39%/°C
Temperature Coefficient Voc	-0.30%/°C
Temperature Coefficient Isc	+0.05%/°C
NMOT	43±2°C

## I-V CURVE



## TECHNICAL DRAWINGS

