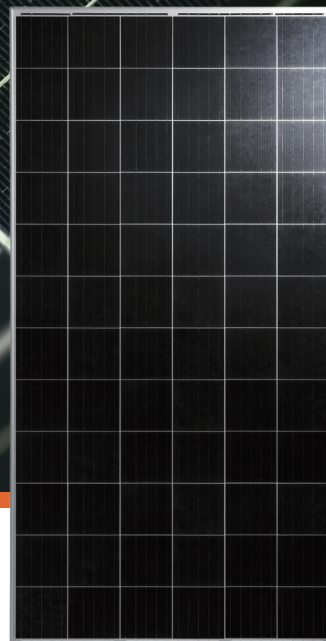


# HIPRO PERC mono

## TP672M / TP672M(H)

### 375 / 380 / 385 / 390 / 395 / 400 W

High Efficiency PERC Monocrystalline Solar Module  
72-Cell Series



#### KEY FEATURES



##### Maximize limited space

PERC cell technology, maximum power output 400W



##### 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 <sup>x</sup>
- ISO 14001 : 2015 Environment Mangement System
- ISO 45001 : 2018 Occupational Health and Safety

Management Systems



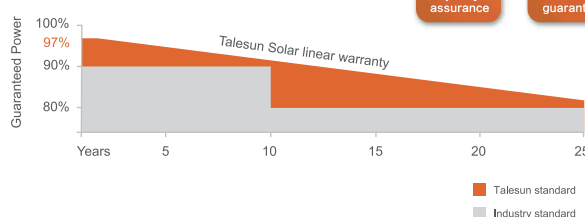
#### QUALITY WARRANTY

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



**10** years  
Quality assurance

**25** years  
Power output guarantee

## ELECTRICAL PARAMETERS

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

Maximum Power(Pmax/W)	375	380	385	390	395	400
Operating Voltage(Vmpp/V)	39.3	39.6	39.8	40.0	40.3	40.5
Operating Current(Imp/A)	9.55	9.60	9.68	9.75	9.81	9.88
Open-Circuit Voltage(Voc/V)	48.0	48.3	48.5	48.7	49.0	49.2
Short-Circuit Current(Isc/A)	10.15	10.20	10.28	10.35	10.41	10.48
Module Efficiency ηm(%)	18.9	19.2	19.4	19.7	19.9	20.2

### Performance at NMOT

Maximum Power(Pmax/W)	280	283.6	287.4	290.9	294.8	298.4
Operating Voltage(Vmpp/V)	36.5	36.8	36.9	37.1	37.4	37.6
Operating Current(Imp/A)	7.67	7.71	7.78	7.83	7.88	7.94
Open-Circuit Voltage(Voc/V)	44.7	45.0	45.2	45.4	45.6	45.8
Short-Circuit Current(Isc/A)	8.19	8.23	8.3	8.35	8.4	8.46

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	158.75*158.75mm(6inches)
Cell Arrangement	72(6*12)
Weight	22.5kg(49.60lbs)
Module Dimensions	1979*1002*35mm (77.91*39.45*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,660pcs/40hq
Packing Configuration (2)	30pcs+5pcs/Pallet,715pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

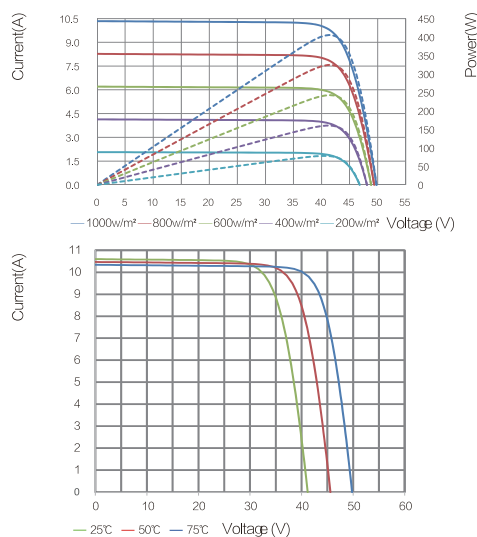
## OPERATING CONDITIONS

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

