TP672P - 320 / 325 / 330W

Polycrystalline Solar Module

72-Cell Series

KEY FEATURES

Maximize limited space
Maximum power output 330W

Excellent Anti-PID performance
2 times of industry standard Anti-PID test by TUV Rheinland

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

SYSTEM & PRODUCT CERTIFICATES

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

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.

PowerGuard SPECIALTY INSURANCE SERVICES · SOLARIF · PICC · 永诚保险 ALLTRUST INSURANCE

ABOUT TALESUN SOLAR

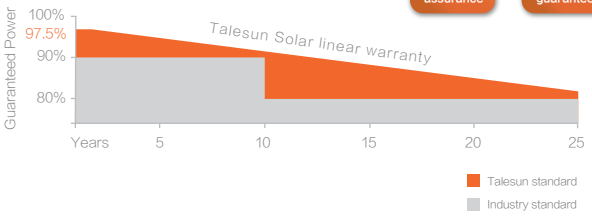
TALESUN Solar is one of the world’s largest integrated clean energy providers with 4 GW cell and 5 GW module production capacity globally. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry. Talesun Solar is committed to provide customers with customized; systematized and trustworthy turnkey solutions. Till now, Talesun Solar has accumulatively shipped more than 10 GW modules globally.

PERFORMANCE WARRANTY

Polycrystalline Solar Module

10 years Quality assurance

25 years Power output guarantee



TALESUN

Web: www.talesun.com
Tel: +86 400 885 1098
Add: No.1 Taelsun Road, Shajiabang, Changshu, P.R. China

ELECTRICAL PARAMETERS

Performance at STC (Power Tolerance 0 – +3%)

Maximum Power (Pmax/W)	320	325	330
Operating Voltage (Vmpp/V)	37.1	37.4	37.7
Operating Current (Impp/A)	8.63	8.70	8.76
Open-Circuit Voltage (Voc/V)	45.5	45.7	45.9
Short-Circuit Current (Isc/A)	9.16	9.22	9.27
Module Efficiency ηm (%)	16.5	16.7	17.0

Performance at NOCT

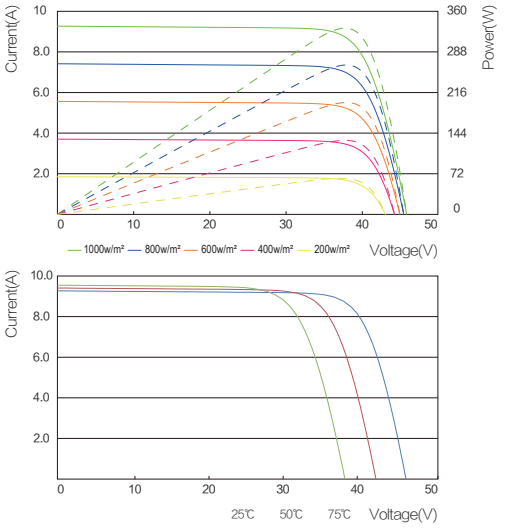
Maximum Power (Pmax/W)	236	240	243
Operating Voltage (Vmpp/V)	34.1	34.4	34.6
Operating Current (Impp/A)	6.92	6.98	7.04
Open-Circuit Voltage (Voc/V)	42.0	42.2	42.3
Short-Circuit Current (Isc/A)	7.42	7.46	7.51

STC: Irradiance 1000W/m², Cell Temperature 25° C, Air Mass AM1.5 NOCT: Irradiance at 800W/m², Ambient Temperature 20° C, Wind Speed 1m/s

MECHANICAL SPECIFICATION

Cell Type	Poly
Cell Dimensions	156.75*156.75mm(6inch)
Cell Arrangement	72(6*12)
Weight	22kg(48.5lbs)
Module Dimensions	1960*992*35mm(77.17*39.06*1.38inch)
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)	30pcs/Pallet,720pcs/40hq
Packing Configuration (2)	30pcs+5pcs/Pallet, 780pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

I-V CURVE



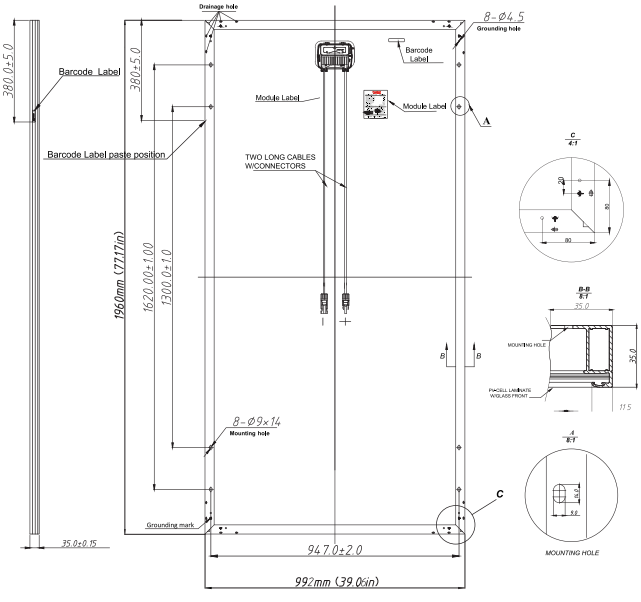
OPERATING CONDITIONS

Maximum System Voltage	1000V/DC(IEC)/1500V/DC(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

TEMPERATURE COEFFICIENT

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

TECHNICAL DRAWINGS



TALESUN