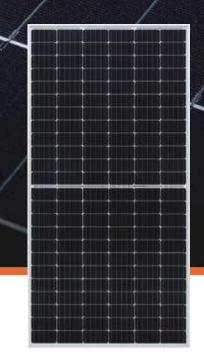
BISTAR half-cut TP6H72M / TP6H72(H) 375 / 380 / 385 / 390 / 395 W

High Efficiency Half-Cell PERC Monocrystalline Solar Module 72-Cell Series



KEY FEATURES



Half-cut cell technology

New circuit design, lower internal current, lower Rs loss



Maximize limited space

More internal reflection, maximum power output 395W



Significantly lower the risk of hot spot

Special circuit design with much lower hot spot temperature



Lower LCOE

2% more power generation, lower LCOE



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

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.

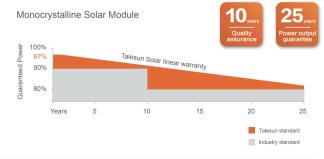








PERFORMANCE WARRANTY



ELECTRICAL PARAMETERS					
Performance at STC (Power Tolerance 0 - +3%)					
Maximum Power(Pmax/W)	375	380	385	390	395
Operating Voltage(Vmpp/V)	39.8	40.0	40.3	40.5	40.7
Operating Current(Impp/A)	9.43	9.5	9.57	9.64	9.71
Open-Circuit Voltage(Voc/V)	48.5	48.7	49.0	49.2	49.3
Short-Circuit Current(Isc/A)	9.89	9.97	10.04	10.11	10.18
Module Efficiency ηm(%)	18.9	19.2	19.4	19.7	19.9
Performance at NMOT					
Maximum Power(Pmax/W)	279.9	283.4	287.5	291	294.4
Operating Voltage(Vmpp/V)	37.2	37.4	37.6	37.8	38.0
Operating Current(Impp/A)	7.52	7.58	7.64	7.69	7.75
Open-Circuit Voltage(Voc/V)	45.2	45.4	45.6	45.8	45.9

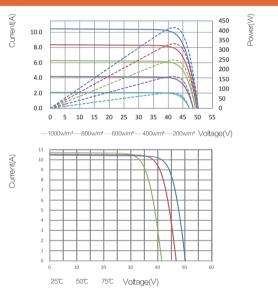
510. IITadiance 1000 W/IIF, Geli Temperature 25 G, Air Mass AMT.5 — NMOT. IITadiance at 600 W/IIF, Ambient Temperature 20 G, Air Mass AMT.5, Wind Speed III	STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5	NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed	m/s
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MECHANICAL SPECIFI	CATION
Cell Type	Mono-Crystalline Silicon (5Busbar)
Cell Dimensions	6inches
Cell Arrangement	72(6*12)
Weight	23kg(50.7lbs)
Module Dimensions	2000×992×40 (78.74×39.06×1.57inches)
Cable Length	300mm(11.81inches)
Cable Cross Section Size	4mm²(0.006inches²)
Front Glass	3.2mm High Transmission, Tempered Glass
No.of Bypass Diodes	3/6
Packing Configuration (1)	27pcs/Pallet,594pcs/40hq
Packing Configuration (2)	27pcs+4pcs/Pallet,638pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68

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

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

