

PS-P672 SERIES

-72/320-340/5BB

MULTICRYSTALLINE SILICON MODULE

Key Features



PROPSOLAR 5BB design module reduce cell series resistance and stress between cell interconnectors improves module reliability and module conversion efficiency



High output, 17.52% highest conversion efficiency



Designed for DC IEC 1000V applications



Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding performance in low-light irradiance environments



Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



High salt and ammonia resistance

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures modules are defects free
- Modules binned by current to improve system performance
- Potential Induced Degradation (PID) Resistant

Comprehensive Certificates

- IEC 61215, IEC 61730 and CE
- ISO 9001: 2008: Quality management systems



Shanghai Propsolar New Energy Co.,Ltd

Propsolar was founded in May,2010 with professional production of crystal silicon solar cell,Photovoltaic (PV) modules,solar system,solar water pump and solar street light. We specialize in the development and utilization of new energy to provide one stop service and total solution to all global customers.

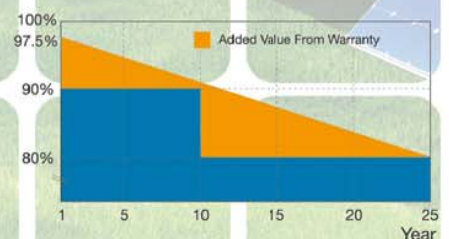
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Superior Warranty

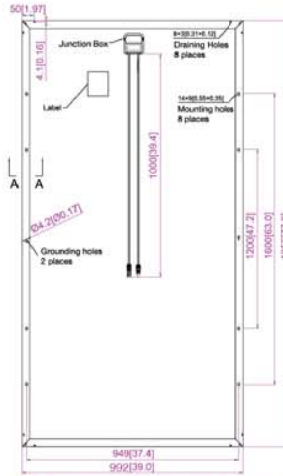
- 10-year product warranty
- 25-year linear power output warranty



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PS-P672 SERIES -72/320-340/5BB

Engineering Drawings



■ customized cable length available upon request

MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	21 (approx)
Glass Thickness	4 mm
Dimensions (LxWxH) (mm)	1956x992x40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6x12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	23 Per Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	PS-P672 320/5BB	PS-P672 325/5BB	PS-P672 330/5BB	PS-P672 335/5BB	PS-P672 340/5BB
Rated Maximum Power at STC (W)	320	325	330	335	340
Open Circuit Voltage (Voc/V)	45.5	45.6	45.8	46.0	46.2
Maximum Power Voltage (Vmp/V)	37.1	37.2	37.4	37.6	37.8
Short Circuit Current (Isc/A)	9.15	9.19	9.28	9.35	9.42
Maximum Power Current (Imp/A)	8.63	8.73	8.83	8.91	8.99
Module Efficiency [%]	16.5	16.7	17.0	17.2	17.5
Power Tolerance (W)			-0~+5W		
Temperature Coefficient of Isc (αIsc)			+0.058%/°C		
Temperature Coefficient of Voc (βVoc)			-0.330%/°C		
Temperature Coefficient of Pmax (γPmp)			-0.410%/°C		
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5				

NOCT

TYPE	PS-P672 320/5BB	PS-P672 325/5BB	PS-P672 330/5BB	PS-P672 335/5BB	PS-P672 340/5BB
Max Power (Pmax) [W]	237	241	245	249	252
Open Circuit Voltage (Voc) [V]	42.1	42.2	42.4	42.6	42.8
Max Power Voltage (Vmp) [V]	34.3	34.4	34.6	34.8	35.0
Short Circuit Current (Isc) [A]	7.39	7.42	7.49	7.55	7.60
Max Power Current (Imp) [A]	6.92	7.00	7.08	7.14	7.21
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m ² , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s				

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

I-V CURVE

