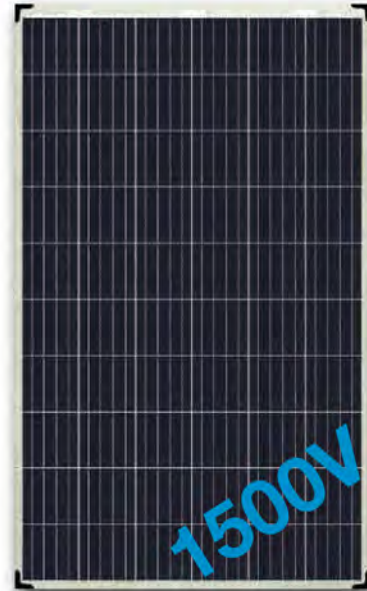


PS-P660DG

-60/250-270/4BB/1500V

MULTICRYSTALLINE SILICON DOUBLE GLASS MODULE

DOUBLE GLASS



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.

Contact:

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Fax: +86 2154658962

Email: sales@propsolar.com

Website: www.propsolar.com



Key Features



Excellent corrosion resist and more reliable by using tempered glass instead of traditional polymer back-sheet



Built to last in the harsh environment such as desert, seaside, and water front



30 years warranty guarantee 83% power output, lower annual power degradation more system power yield over lifetime



PID Free



Designed for IEC 1500V system applications



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

Reliable Quality

- Positive power tolerance: 0~+5W
- 100% EL double-inspection ensures that products are free from defects
- Modules binned by current to improve system performance

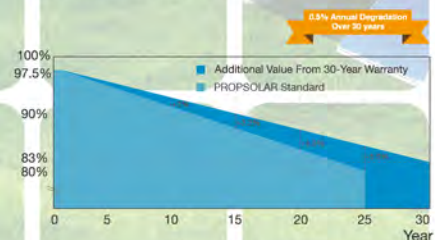
Comprehensive Certificates

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



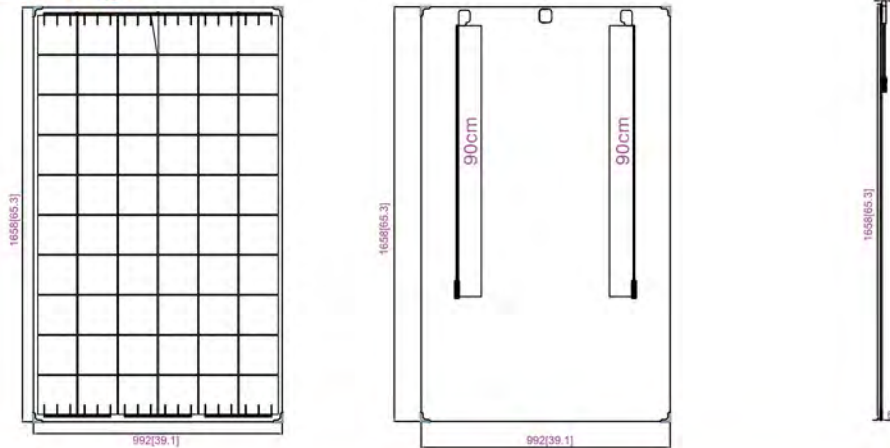
Superior Warranty

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



PS-P660DG -60/250-270/4BB/1500V

Engineering Drawings



MECHANICAL PARAMETERS

Cell (mm)	Poly 156x156
Weight (kg)	23
Dimensions (LxWxH) (mm)	1658x992x6 (1658x992x25 with junction box)
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67, 3 diodes
Connector	ZJRH05-8
Packaging Configuration	33 Per Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1500V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind) Maximum Static Load, Back (e.g., wind)	5400Pa (112 lb/ft ²) 2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	PS-P660DG 250/4BB/1500V	PS-P660DG 255/4BB/1500V	PS-P660DG 260/4BB/1500V	PS-P660DG 265/4BB/1500V	PS-P660DG 270/4BB/1500V
Rated Maximum Power at STC (W)	250	255	260	265	270
Open Circuit Voltage (Voc/V)	38.68	38.91	39.14	39.35	39.57
Maximum Power Voltage (Vmp/V)	31.35	31.73	31.95	32.15	32.35
Short Circuit Current (Isc/A)	8.54	8.60	8.71	8.78	8.85
Maximum Power Current (Imp/A)	7.97	8.04	8.14	8.24	8.35
Module Efficiency [%]	15.20	15.50	15.81	16.11	16.42
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-P660DG 250/4BB/1500V	PS-P660DG 255/4BB/1500V	PS-P660DG 260/4BB/1500V	PS-P660DG 265/4BB/1500V	PS-P660DG 270/4BB/1500V
Max Power (Pmax) [W]	181.50	185.13	188.76	192.39	196.02
Open Circuit Voltage (Voc) [V]	35.40	35.56	35.72	35.96	36.27
Max Power Voltage (Vmp) [V]	28.80	28.98	29.19	29.41	29.61
Short Circuit Current (Isc) [A]	6.77	6.80	6.84	6.87	6.96
Max Power Current (Imp) [A]	6.30	6.39	6.47	6.54	6.62
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

