

DOUBLE GLASS



JAP6(K)(DG)

-60/255-275/4BB/1500V

MULTICRYSTALLINE SILICON DOUBLE GLASS MODULE

Key Features



Excellent corrosion resist and more reliable by using heat strengthen 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)

JA Solar Holdings Co., Ltd.

JA Solar Holdings Co., Ltd. is a world-leading manufacturer of high-performance photovoltaic products that convert sunlight into electricity for residential, commercial, and utility-scale power generation. The company was founded on May 18, 2005, and was publicly listed on NASDAQ on February 7, 2007. JA Solar is one of the world's largest producers of solar cells and modules. Its standard and high-efficiency product offerings are among the most powerful and cost-effective in the industry.

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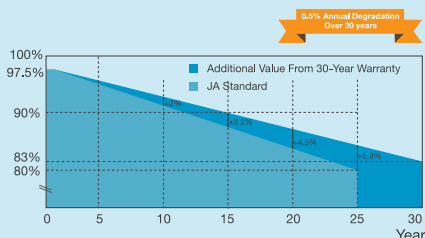
TEL: +86 (10) 63611888

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Superior Warranty

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



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

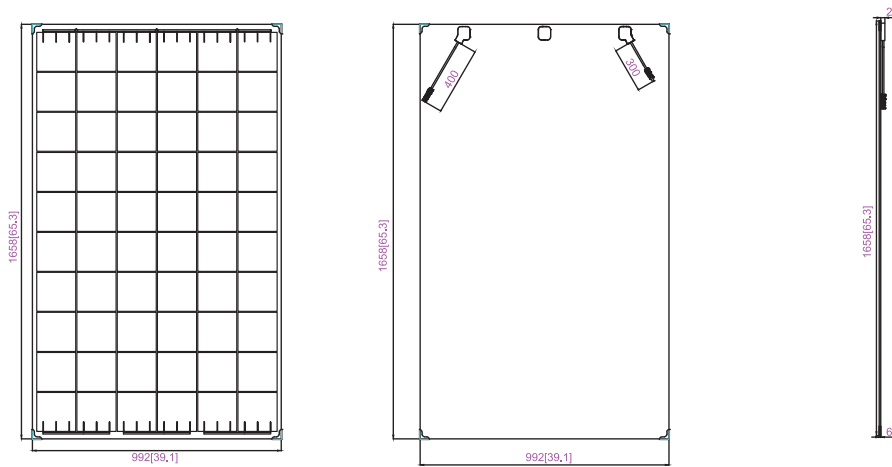
- IEC 61215, IEC 61730
- ISO 9001: 2008: Quality management systems
- ISO 14001: 2004: Environmental management systems
- BS OHSAS 18001: 2007: Occupational health and safety management systems
- Environmental policy: The first solar company in China to complete Intertek's carbon footprint evaluation program and receive green leaf mark verification for our products



Specifications subject to technical changes and tests. JA Solar reserves the right of final interpretation.

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Engineering Drawings



MECHANICAL PARAMETERS

Cell (mm)	Poly 156.75x156.75
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	30 Per Pallet

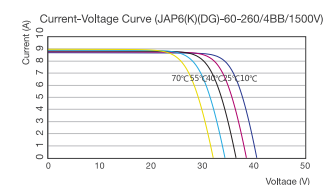
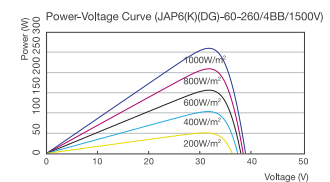
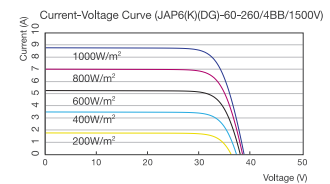
WORKING CONDITIONS

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	JAP6(K)(DG)-60-255/4BB/1500V	JAP6(K)(DG)-60-260/4BB/1500V	JAP6(K)(DG)-60-265/4BB/1500V	JAP6(K)(DG)-60-270/4BB/1500V	JAP6(K)(DG)-60-275/4BB/1500V
Rated Maximum Power at STC (W)	255	260	265	270	275
Open Circuit Voltage (Voc/V)	38.89	39.12	39.33	39.55	39.76
Maximum Power Voltage (Vmp/V)	31.64	31.87	32.09	32.26	32.47
Short Circuit Current (Isc/A)	8.62	8.73	8.80	8.87	8.98
Maximum Power Current (Imp/A)	8.06	8.16	8.26	8.37	8.47
Module Efficiency [%]	15.50	15.81	16.11	16.42	16.72
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				

I-V CURVE



NOCT

TYPE	JAP6(K)(DG)-60-255/4BB/1500V	JAP6(K)(DG)-60-260/4BB/1500V	JAP6(K)(DG)-60-265/4BB/1500V	JAP6(K)(DG)-60-270/4BB/1500V	JAP6(K)(DG)-60-275/4BB/1500V
Max Power (Pmax) [W]	187.68	191.36	195.04	198.72	202.40
Open Circuit Voltage (Voc) [V]	35.54	35.70	35.94	36.15	36.36
Max Power Voltage (Vmp) [V]	28.96	29.17	29.38	29.59	29.78
Short Circuit Current (Isc) [A]	6.82	6.89	6.97	7.05	7.13
Max Power Current (Imp) [A]	6.48	6.56	6.64	6.72	6.80
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.