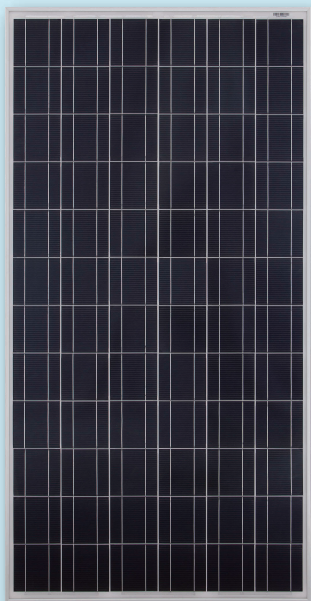


FULL SQUARE MONO



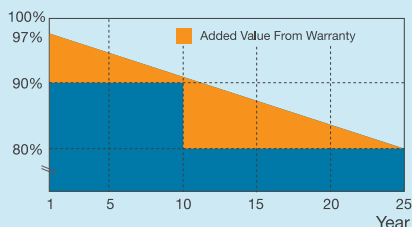
JA Solar Holdings Co., Ltd.

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.

Address: NO.36, Jiang Chang San Road, Zhabei, Shanghai 200436, China
Telephone: +86 21 6095 5888 / +86 21 6095 5999
Fax: +86 21 6095 5858 / +86 21 6095 5959
Email: sales@jasolar.com market@jasolar.com

Superior Warranty

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



JAM5(R)

72/200-220

FULL SQUARE MONOCRYSTALLINE SILICON MODULE

Key Features



Full Square Monocrystalline modules designed for residential, commercial and utility applications as well as rooftop or ground mount



High module efficiency up to 16.84%



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 certified by TÜV NORD

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

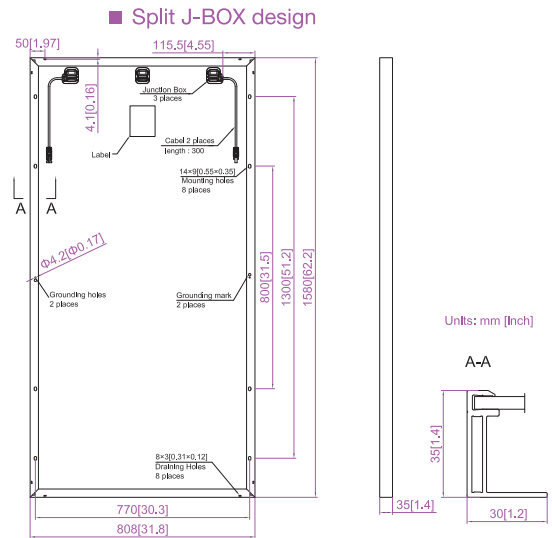
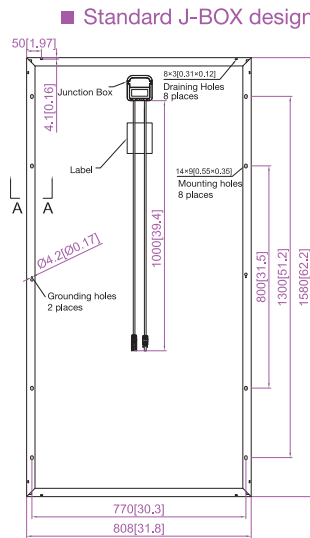
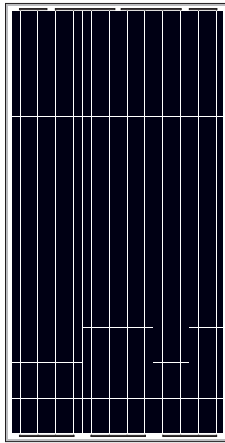
Comprehensive Certificates

- IEC 61215, IEC 61730, UL1703, CEC Listed, MCS and CE
- 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.

Engineering Drawings



■ customized cable length available upon request

MECHANICAL PARAMETERS

Cell (mm)	Full Square Mono 126×126
Weight (kg)	15.0 (approx)
Dimensions (L×W×H) (mm)	1580×808×35
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6×12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	10A
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	JAM5(R) 72-200	JAM5(R) 72-205	JAM5(R) 72-210	JAM5(R) 72-215	JAM5(R) 72-220
Rated Maximum Power at STC (W)	200	205	210	215	220
Open Circuit Voltage (Voc/V)	45.12	45.37	45.61	45.82	46.11
Maximum Power Voltage (Vmp/V)	36.84	37.14	37.45	37.72	38.00
Short Circuit Current (Isc/A)	5.77	5.86	5.95	6.04	6.13
Maximum Power Current (Imp/A)	5.43	5.52	5.61	5.70	5.79
Module Efficiency [%]	15.67	16.06	16.45	16.84	17.23
Power Tolerance (W)	-0~+5W				
Temperature Coefficient of Isc (αIsc)	+0.049%/°C				
Temperature Coefficient of Voc (βVoc)	-0.340%/°C				
Temperature Coefficient of Pmax (γPmp)	-0.410%/°C				
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5				

NOCT

TYPE	JAM5(R) 72-200	JAM5(R) 72-205	JAM5(R) 72-210	JAM5(R) 72-215	JAM5(R) 72-220
Max Power (Pmax) [W]	146.20	149.86	153.51	157.17	160.82
Open Circuit Voltage (Voc) [V]	41.94	42.15	42.23	42.35	42.41
Max Power Voltage (Vmp) [V]	33.15	33.45	33.81	34.09	34.66
Short Circuit Current (Isc) [A]	4.79	4.84	4.89	4.93	4.97
Max Power Current (Imp) [A]	4.41	4.48	4.54	4.61	4.64
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				

I-V CURVE

