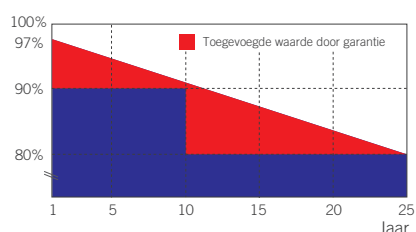
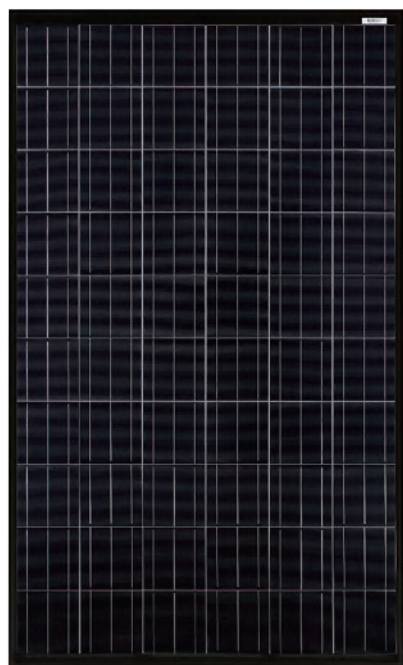


# JASOLAR

## JAM6(R) (BK) 260-280Wp *Embedded power optimizer*



- 10-jaar productgarantie
- 25 jaar lineaire vermogensgarantie

## Full square monocrystalline silicon module

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.



Monocrystalline modules designed for residential commercial and utility applications, rooftop or ground mount



Flexible system design optimal site space utilization at reduced cost



Maximum energy gain ground mounted system: 2-5%, commercial 2-10%, residential 2-25%



Real-time alerts module-level web monitoring Increased uptime maintenance



Automatic module shut-down Unique electrocution prevention and fire safety



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



High salt and ammonia resistance certified by TÜV NORD

### ELECTRICAL DATA

	JAM6(R)(BK) 260	JAM6(R)(BK) 265	JAM6(R)(BK) 270	JAM6(R)(BK) 275	JAM6(R)(BK) 280
STC (standard test conditions)*	JAM6(R)(BK) 260	JAM6(R)(BK) 265	JAM6(R)(BK) 270	JAM6(R)(BK) 275	JAM6(R)(BK) 280
Rated Maximum Power (Pmax)	260 W	265 W	270 W	275 W	280 W
Open Circuit Voltage (Voc)	38.32 V	38.52 V	38.71 V	38.89 V	39.07 V
Maximum Power Voltage (Vmp)	30.49 V	30.78 V	31.08 V	31.36 V	31.64 V
Short Circuit Current (Isc)	9.04 A	9.13 A	9.21 A	9.30 A	9.39 A
Maximum Power Current (Imp)	8.53 A	8.61 A	8.69 A	8.77 A	8.85 A
Module Efficiency	15.90%	16.21%	16.51%	16.82%	17.12%
Power Tolerance	-0~+5 W				
Maximum System Voltage	DC 1000 V (TÜV)				
Operating Temperature	-40°C~+85°C				
Maximum Series Fuse	15 A				
Application Class	Class A				
Maximum Static Load, Front	5400 Pa (snow and wind)				
Maximum Static Load, Back	2400 Pa (wind)				

\*Under Standard Test Conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C

### NOCT\*

	JAM6(R)(BK) 260	JAM6(R)(BK) 265	JAM6(R)(BK) 270	JAM6(R)(BK) 275	JAM6(R)(BK) 280
Maximum Power at STC (Pmax)	190.06 W	193.72 W	197.37 W	201.03 W	204.68 W
Open Circuit Voltage (Voc)	34.83 V	34.97 V	35.09 V	35.21 V	35.46 V
Maximum Power Voltage (Vmp)	27.91 V	28.28 V	28.56 V	28.88 V	28.99 V
Short Circuit Current (Isc)	7.36 A	7.39 A	7.42 A	7.46 A	7.47 A
Maximum Power Current (Imp)	6.81 A	6.85 A	6.91 A	6.96 A	7.06 A

\*Under Normal Operating Cell Temp., Irradiance of 800 W/m<sup>2</sup>, spectrum AM 1.5, ambient temperature 20°C wind speed 1 m/s

### MECHANICAL DATA

Cell type	Full Square Mono-crystalline 156 x 156 mm
No. of Cells and Connections	60 (6 x 10)
Weight	18.2 kg (approx)
Dimensions (l x w x h)	1650 x 991 x 40 mm
Cable Cross Section Size	4 mm <sup>2</sup>
Junction Box	Solar Edge smart J-Box
Connector	MC4 Compatible
Packaging Configuration	26 per Pallet

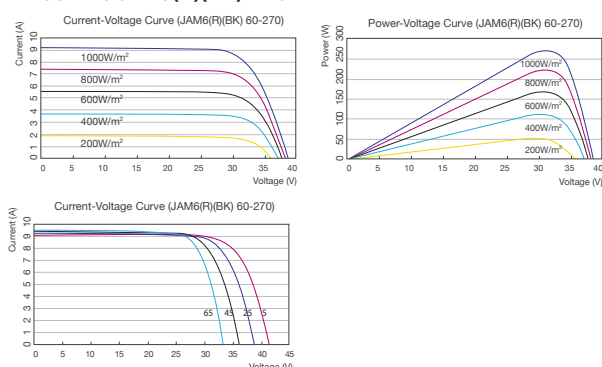
### TEMPERATURE CHARACTERISTICS

Temperature Coefficient Pmax	-0.410%/°C
Voc	-0.340%/°C
Isc	+0.049%/°C
Nominal Operating Cell Temperature	45±2°C

### COMPREHENSIVE CERTICATES

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

### I-V CURVES JAM6(R)(BK) 270



### ENGINEERING DRAWINGS

