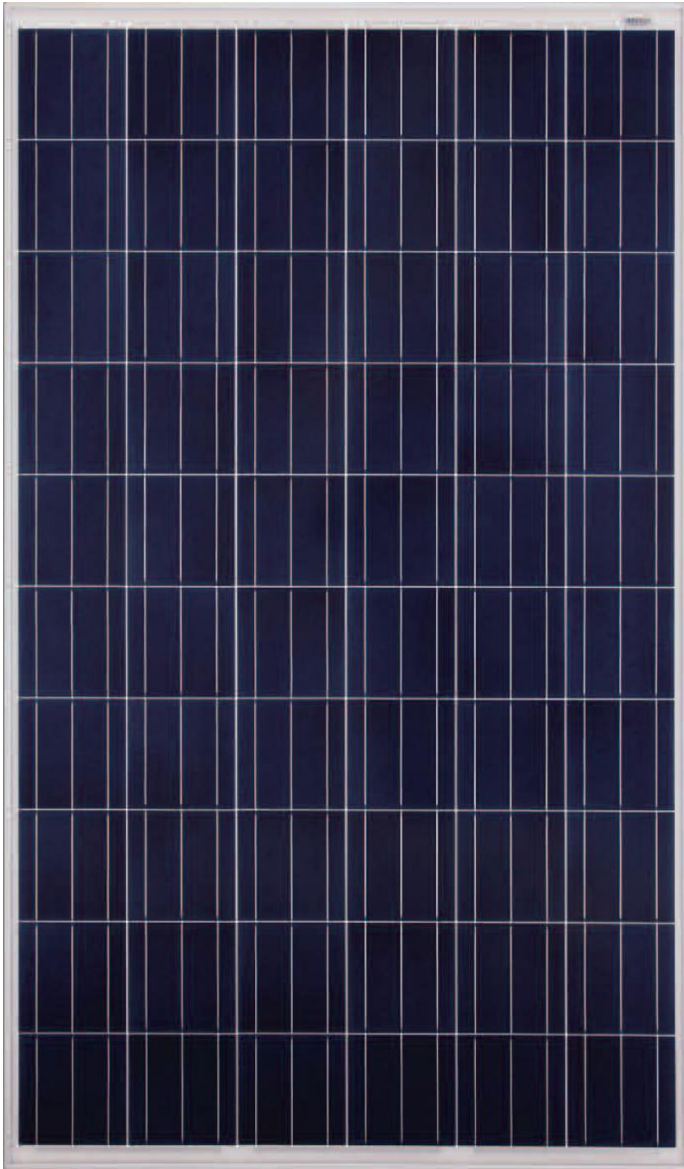




## JG-P60PCS-235~250W Product Specification



### JG SOLAR MODULES

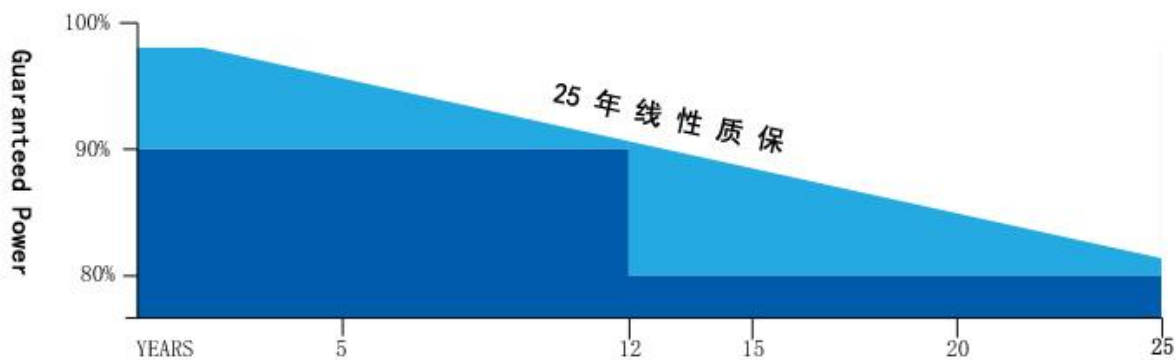
- Industry leading module power output warranty
- International quality, safety and performance certifications
- High-reliability with guaranteed 0/+5 Wp peak power
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

### CERTIFICATES

- IEC EN 61215, IEC EN 61730-1-2, CE Conformity, ULC/ORD- C1703-01
- ISO 9001:2008 Quality Management System
- TUV, CSA, CQC Certification
- CEC Listed: modules are recognized by Australian Clean Energy Council

### WARRANTIES

- 10 years for product defects in materials & workmanship
- 12 years for 90% of warranted minimum power output
- 25 years for 80% of warranted minimum power output





### ELECTRICAL PERFORMANCE

Electrical parameters at Standard Test Conditions (STC:AM=1.5, 1000W/m <sup>2</sup> , cells Temperature 25 °C)					
Typical Type	P60PCS-235W	P60PCS-240W	P60PCS-245W	P60PCS-250W	
Max-Power (P <sub>max</sub> ) (W)	235W(0~+5W)	240W(0~+5W)	245W(0~+5W)	250W(0~+5W)	
Max-Power Voltage (V <sub>mp</sub> ) (V)	29.40	29.60	29.90	30.30	
Max-Power Current (I <sub>mp</sub> ) (A)	8.00	8.11	8.20	8.25	
Open-Circuit Voltage (V <sub>oc</sub> ) (V)	37.00	37.30	37.50	37.70	
Short-Circuit Current (I <sub>sc</sub> ) (A)	8.49	8.61	8.92	8.99	
Max-System Voltage (VDC)	1000				
Module Efficiency (%)	14.5%	14.8%	15.1%	15.4%	

### GENERAL CHARACTERISTICS

Module Dimension (L/W/H) (mm)	1640/990/40
Cell and Connections (mm)	156×156Poly-crystalline silicon, 60 in series(6×10)
Number of Bypass Diodes	6
Max. Series Fuse (A)	15A
Junction Box (Protection Degree)	≥ IP65
Module Weight (Kg)	19.1

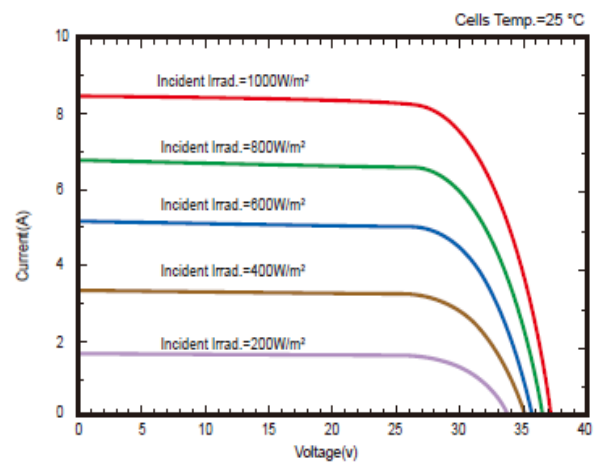
### Mechanical Characteristics

Max. static load, front (e.g., snow and wind)	5400Pa
Max. static load, back (e.g., wind)	2400Pa
Hailstone impact	25mm / 23m/s

### Packageing Specifications

Number of modules per carton	25PCS/25+5PCS
Number of modules per 40' HQ	770PCS
Pallet dimensions (L/W/H) (mm)	1680/1140/1120
Gross weight	560KG

### I-V CURVE AT DIFFERENT IRRADIANCE LEVELS



### TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature	47± 2 °C
P <sub>m</sub> Temperature Coefficient	- 0.42 %/°C
V <sub>oc</sub> Temperature Coefficient	- 0.29%/°C
I <sub>sc</sub> Temperature Coefficient	0.037%/°C
Operating Temperature	-40~+85 °C
Storage Temperature	-40~+85 °C

