



## JG-D54PCS-215~230W Product Specification



### JG SOLAR MODULES

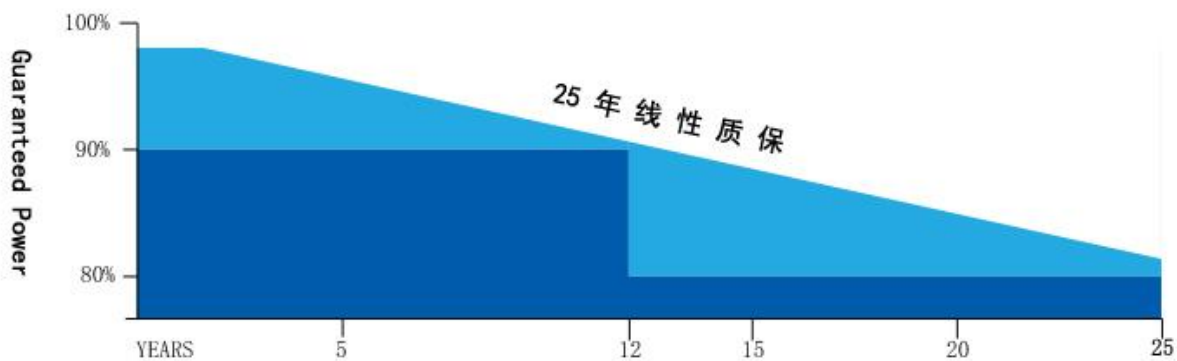
- Industry leading module power output warranty
- International quality, safety and performance certifications
- High-reliability with guaranteed 0/+5 Wp peak power
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation
- 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		D54PCS-215W	D54PCS-220W	D54PCS-225W	D54PCS-230W
Max-Power	(P <sub>max</sub> ) (W)	215W(0~+5W)	220W(0~+5W)	225W(0~+5W)	230W(0~+5W)
Max-Power Voltage	(V <sub>mp</sub> ) (V)	27.60	27.70	27.80	27.90
Max-Power Current	(I <sub>mp</sub> ) (A)	7.79	7.95	8.10	8.25
Open-Circuit Voltage	(V <sub>oc</sub> ) (V)	33.70	33.80	33.90	34.00
Short-Circuit Current	(I <sub>sc</sub> ) (A)	8.30	8.40	8.50	8.60
Max-System Voltage	(V <sub>DC</sub> )	1000			
Module Efficiency	(%)	14.7%	15.0%	15.4%	15.7%

### GENERAL CHARACTERISTICS

Dimension	(mm)	1480×990×40
Cell and Connections	(mm)	156×156 Mono-crystalline silicon, 54 in series(6×9)
Number of Bypass Diodes		6
Max. Series Fuse	(A)	15A
Junction box (protection degree)		≥ IP65
Weight	(Kg)	16.5

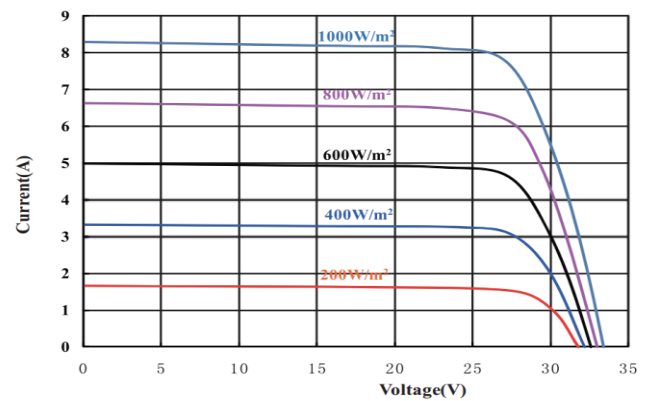
### Mechanical Characteristics

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' container (HQ)	825PCS
Pallet dimensions (L/W/H) (mm)	1520/1140/1120
Gross Weight	510KG

### I-V CURVE AT DIFFERENT IRRADIANCE LEVELS (220W)



### 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

