



JIawei EUROPE
SOLAR ENERGY SYSTEMS

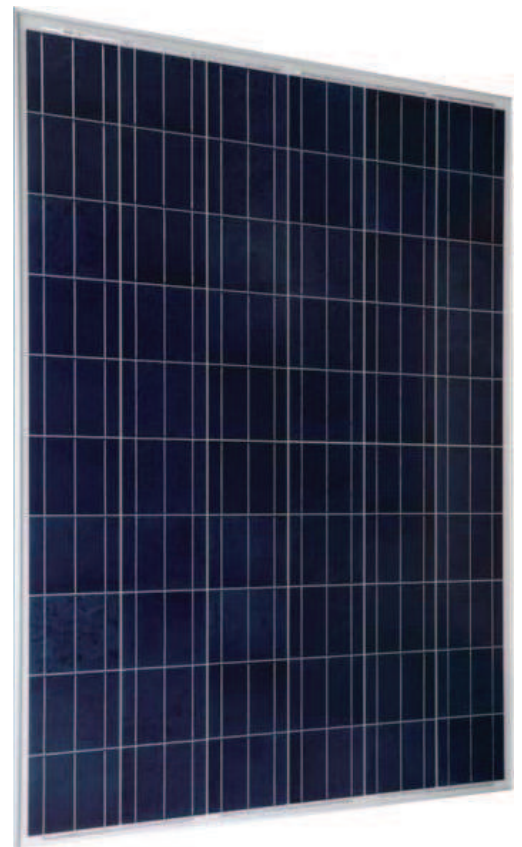
Photovoltaic Module

JW-G2450 P

JW-G2500 P

JW-G2550 P

- 60 polycrystalline cells series connected
- Power Range from 245 –255W
- High quality, reliable, assembled with advanced encapsulation
- Waterproof junction box, by-bass diode
- Best option for grid connected applications
- Made to face tough weather conditions
- Manufactured in ISO9001 & ISO14001 certified factory



JW-G2450 P

JW-G2500 P

JW-G2550 P

Electrical Parameters

Max Power (Pm)	245W	250W	255W
Voltage at Max Power (Vmp)	30.7V	30.9V	31.15V
Current at Max Power (Imp)	7.97A	8.10A	8.19A
Open Circuit Voltage (Voc)	36.4V	36.8V	38.6V
Short Circuit Current(Isc)	8.69A	8.75A	8.81A
Module Efficiency	15.10%	15.40%	15.70%
Max Power Tolerance		±3%	
Rated cell operating temp		45°C ±2	
Max System Voltage	1000V (IEC)/600V(UL)		

Mechanical Parameters

Cells Type & No.	60 Mono. (156 x 156 mm)
Frame	Anodized aluminum, double wall
Junction Box	IP-65 rated, PV-RH 701
Connector	Cixi Renhe
Cables	12 AWG / 900mm
Dimensions	1640 x 992 x 35 mm
Weight	19kg

Test Parameters

Temperature operating range	-40C to +85C
Maximum load test (eg: wind, snow)	5400Pa
Hail stone impact test	hail diameter:25mm, velocity:23m/s

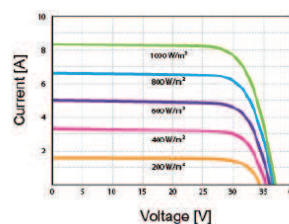
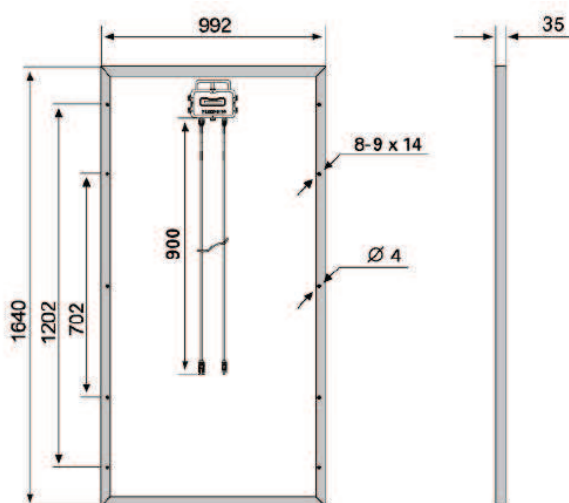
Temperature Coefficients

Power	-0.380%/°C
Voltage	-0.295%/°C
Current	0.085%/°C

Warranties & Certifications

Warranties: 10 years product warranty,
25 years power warranty (90% -10years, 80% -25years)
Certifications: UL1703, IEC61730 (SafetyClass II),
IEC61215, TÜV, Class C Fire Rating, CE, ISO

Diagram



Note: all electrical parameters are rated at standard test conditions (irradiance of 1000W/m², AM 1.5G, cell temp. 77°F/25°C.)

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