



JW-G2300 / QC6660P

230W Multicrystalline Photovoltaic Module

- High efficient multi crystalline Q-Cells cells series connected
- Power Range from 225 - 245W
- Excellent 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 certified factory
- UL1703 by CSA



- Periodic inspection
- Qualified, IEC 61215
- Safety tested, IEC 61730



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Electrical Parameters

	225W	230W	235W	240W	245W
Max Power (Pm)	225W	230W	235W	240W	245W
Voltage at Max Power (Vmp)	30.5V	31.1V	31.1V	31.4V	31.6V
Current at Max Power (Imp)	7.38A	7.47A	7.56A	7.66A	7.76A
Open Circuit Voltage (Voc)	36.8V	37.0V	37.2V	37.3V	37.4V
Short Circuit Current(Isc)	7.85A	7.92A	8.01A	8.10A	8.18A
Module Efficiency	13.89%	14.17%	14.48%	14.97%	15.09%
Max Power Tolerance	±3%				
Normal Rated Cell Temp	46°C ±2				
Max System Voltage	1000V(IEC)/600V(UL)				

Mechanical Parameters

Cells Type & No.	60 Multi (156 x 156 mm) Q-Cells
Frame	Anodized aluminum frame, double walled
Junction Box	IP-65 rated, Tyco/Cixi Renhe
Connector	MC4/Tyco/Cixi Renhe
Cables	12AWG/1000mm(39.4 in)
EVA	STR
Backsheet	Madico
Dimensions	1653 x 982 x 46 mm (65.1 x 38.7 x 1.8 in)
Weight	18.7kg(41.22 lbs)

Test Parameters

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

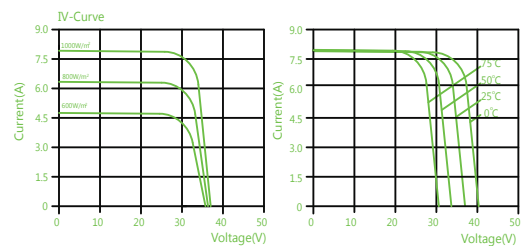
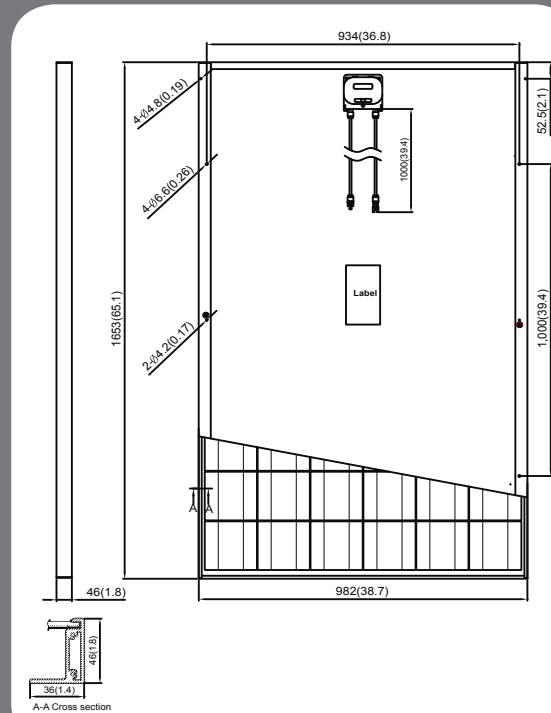
Temperature Coefficients

Power	-0.43%/K
Voltage	-0.36%/K
Current	0.06%/K

Warranties & Certifications

Warranties: 5 years product warranty,
25 years power warranty (90% -10years, 80% -25years)
Certifications: IEC61730 Safety ClassII, IEC61215, Class C
Fire Rating, CE, UL1703 in process , available in July 2010.

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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