



Enjoy Sunshine Enjoy Life



MONOCRYSTALLINE SOLAR MODULE

QJMxxxW (xxx=5-355WATT)

QJ Solar linear warranty



12 Years
Limited Product Warranty



25 Years
Performance Warranty

New Linear Power Warranty
Standard Linear Power Warranty

2%

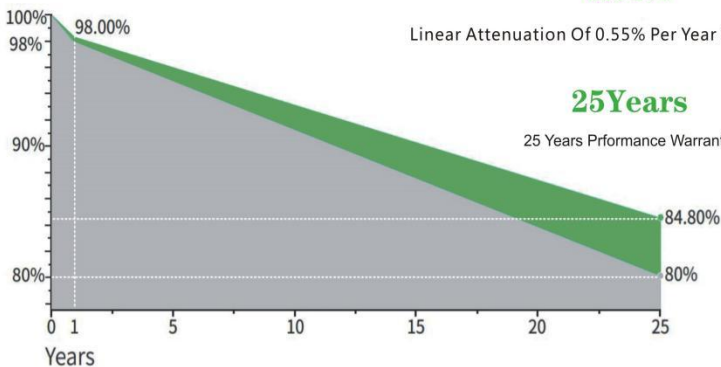
The First Year Degradation

0.55%

Linear Attenuation Of 0.55% Per Year Within 25 Years

25 Years

25 Years Performance Warranty



The solar panel characteristics



SMBB cell design



Low Degradation



High Reliability



Excellent Low-light Performance



PID Resistant



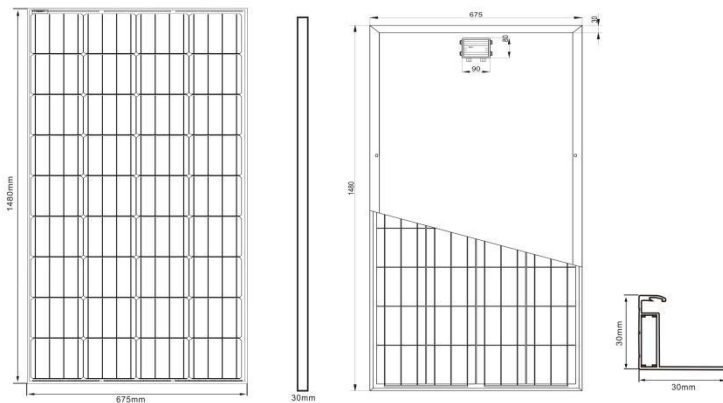
MONOCRYSTALLINE QJMxxxW(xxx=5-355WATT)



ELECTRICAL PERFORMANCE:

Module Type	QJM10		QJM30		QJM50		QJM100		QJM160		QJM200	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	10WP	8WP	30WP	24WP	50WP	40WP	100WP	80WP	160WP	128WP	200WP	160WP
Maximum Power Voltage (Vmp)	17.28V	17.28V	18.00V	17.28V	17.28V	17.64V	18V	18.36V	16.96V	16V	29.66V	29.12V
Maximum Power Current (Imp)	0.56A	0.46A	1.67A	1.39A	2.89A	2.27A	5.56A	4.36A	9.43A	8.00A	6.74A	5.49A
Open-circuit Voltage (Voc)	21.60V	21.60V	21.60V	20.88V	21.60V	20.88V	21.60V	22.68V	21.60V	20.88V	35.28V	34.72V
Short-circuit Current (Isc)	0.61A	0.49A	1.77A	1.47A	3.07A	2.40A	5.89A	4.62A	10.00A	8.48A	7.14A	5.82A
Operating Temperature(°C)	-40°C- +85°C											
Maximum system voltage	1500VDC (IEC)											
Maximum series fuse rating	25A											
Power tolerance	0-+3%											
Temperature coefficients of Pmax	-0.35%/°C											
Temperature coefficients of Voc	-0.28%/°C											
Temperature coefficients of Isc	0.048%/°C											
Nominal operating cell temperature (NOCT)	45±2°C											

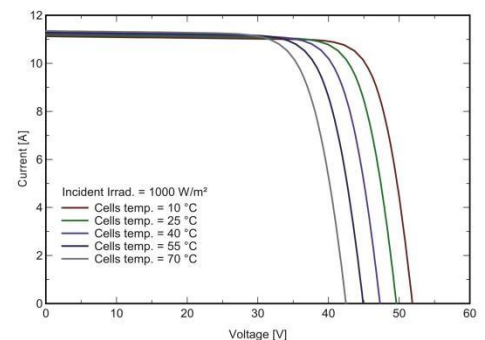
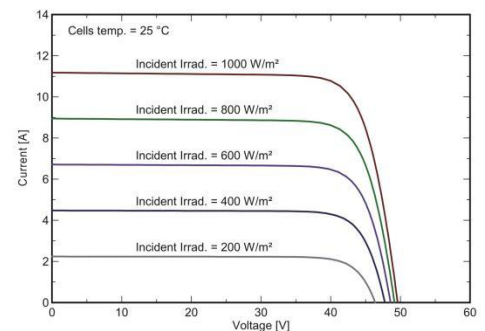
MODULE DIAGRAM:



MECHANICAL CHARACTERISTICS:

Front Cover	Tempered AR coated glass, 3.2mm
Solar Cell	Monocrystalline Perc/TOPCon
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Cables & Plug connectors	900mm, 2.5mm/4mm & MC4 compatible; customized
Module Dimensions	1480*675*30mm
Module Weight	10.9kg

ELECTRICAL CURVES:



QJ SOLAR Cixi City Rixing Electronics Co., Ltd.

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PACKING DETAILS:

Container	40HQ
Pieces per pallet	36PCS
Pallets per container	45P
Pieces per container	1620PCS



*STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s