



Enjoy Sunshine Enjoy Life



FULL BLACK 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%

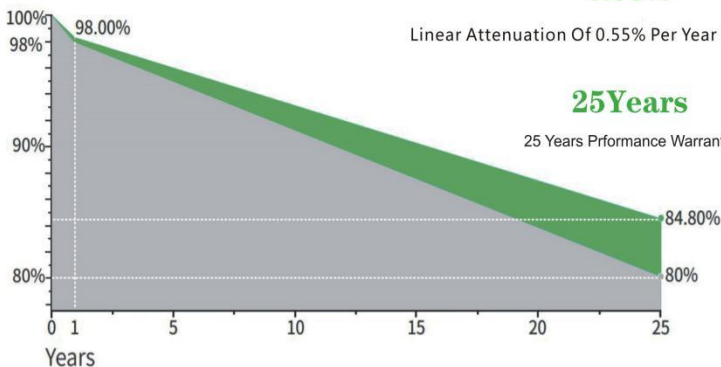
The First Year Degradation

0.55%

Linear Attenuation Of 0.55% Per Year Within 25 Years

25Years

25 Years Performance Warranty



The solar panel characteristics



SMBB cell design



Low Degradation



High Reliability



Excellent Low-light Performance



PID Resistant



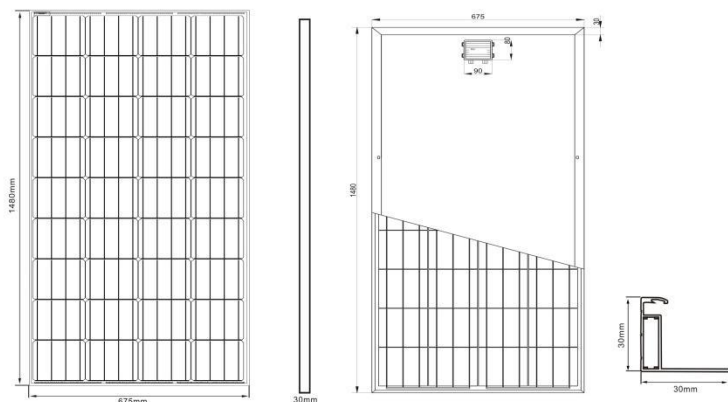
FULL BLACK MONOCRYSTALLINE QJMxxxW(xxx=5-355WATT)



ELECTRICAL PERFORMANCE:

Module Type	QJM10		QJM35		QJM90		QJM100		QJM120		QJM140	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	10WP	8WP	35WP	28WP	90WP	70WP	100WP	80WP	120WP	96WP	140WP	110WP
Maximum Power Voltage (Vmp)	17.28V	17.64V	19.08V	18.72V	16.00V	16.32V	19.08V	19.08V	119.08V	18.00V	19.08V	19.80V
Maximum Power Current (Imp)	0.98A	0.45A	1.83A	1.50A	5.63A	4.29A	5.24A	4.19A	6.29A	5.33A	7.34A	5.56A
Open-circuit Voltage (Voc)	22.68V	22.68V	22.68V	21.96V	19.20V	19.84V	22.68V	23.40V	22.68V	21.96V	22.68V	21.96V
Short-circuit Current (Isc)	1.04A	0.48A	1.94A	1.59A	5.96A	4.55A	5.56A	4.44A	6.67A	5.65A	7.78A	5.89A
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:



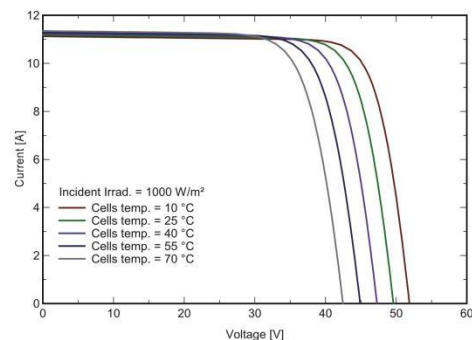
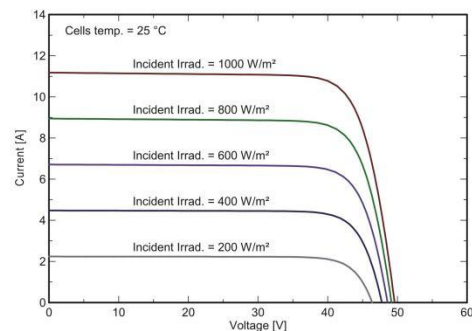
MECHANICAL CHARACTERISTICS:

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

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ELECTRICAL CURVES:



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