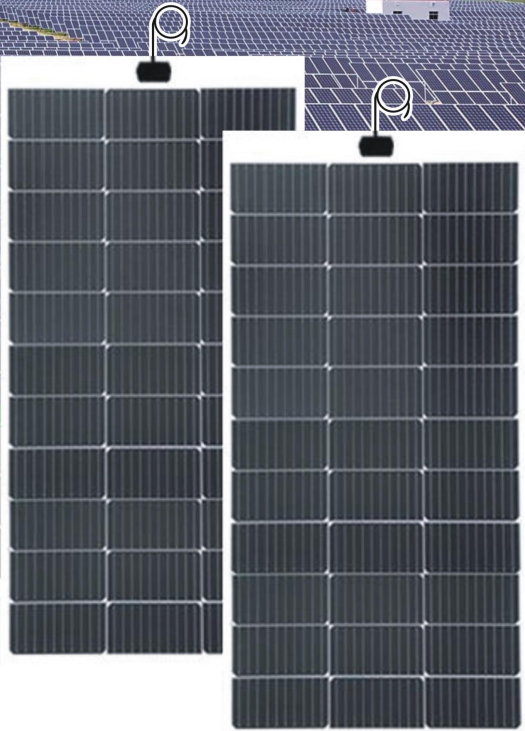




Enjoy Sunshine Enjoy Life



FLEXIBLE MONOCRYSTALLINE SOLAR MODULE

QJMxxxW (xxx=30-200WATT)

QJ Solar linear warranty



12 Years
Limited Product Warranty



25 Years
Performance Warranty

New Linear Power Warranty
Standard Linear Power Warranty

2%

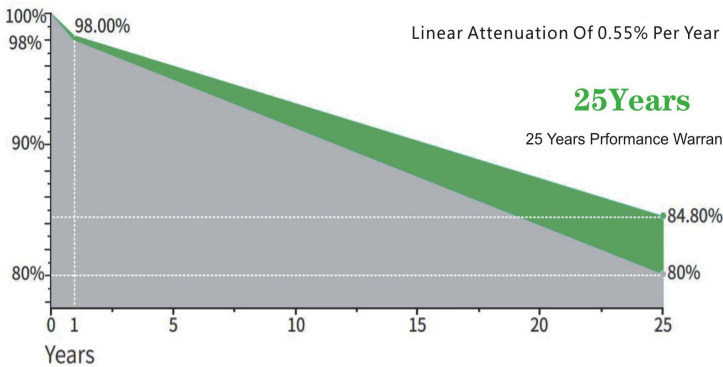
The First Year Degradation

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



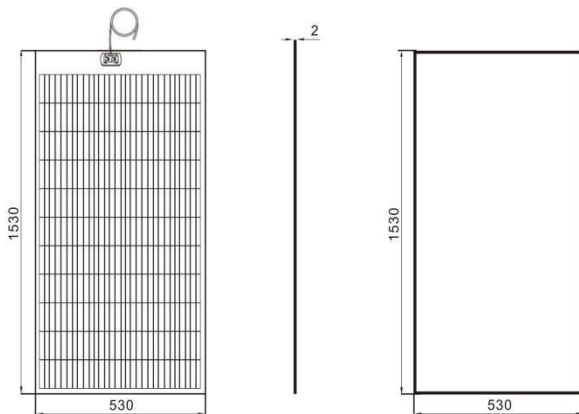
FLEXIBLE MONOCRYSTALLINE QJM_{xxx}W (xxx=30-200WATT)



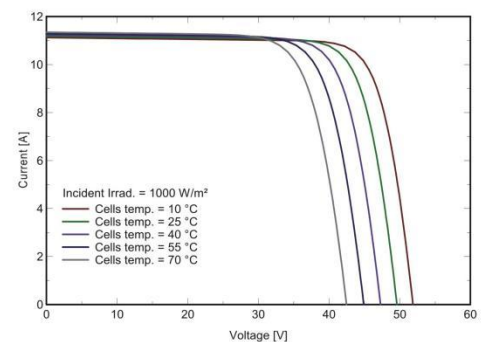
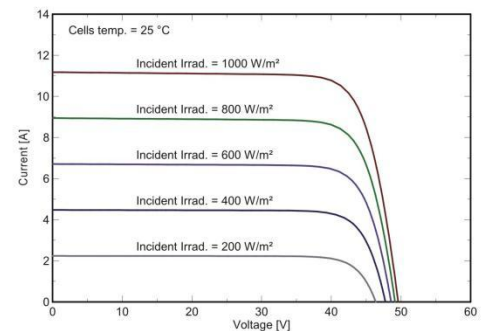
ELECTRICAL PERFORMANCE:

Module Type	QJM30		QJM50		QJM80		QJM120		QJM170		QJM200	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max})	30WP	24WP	50WP	40WP	80WP	64WP	120WP	96WP	170WP	136WP	200WP	160WP
Maximum Power Voltage (V _{mp})	19.08V	18V	19.08V	19.08V	19.08V	19.44V	19.08V	19.8V	19.08V	18.36V	19.08V	18.72V
Maximum Power Current (I _{mp})	1.57A	1.33A	2.62A	2.1A	4.19A	3.29A	6.29A	4.85A	8.91A	7.41A	10.48A	8.55A
Open-circuit Voltage (V _{oc})	22.68V	21.96V	22.68V	23.04V	22.68V	22.68V	22.68V	22.32V	22.68V	23.4V	22.68V	22.32V
Short-circuit Current (I _{sc})	1.67A	1.41A	2.78A	2.22A	4.44A	3.49A	6.67A	5.14A	9.44A	7.85A	11.11A	9.06A
Operating Temperature(°C)	-40°C- +85°C											
Maximum system voltage	1500VDC (IEC)											
Maximum series fuse rating	25A											
Power tolerance	0-+3%											
Temperature coefficients of P _{max}	-0.35%/°C											
Temperature coefficients of V _{oc}	-0.28%/°C											
Temperature coefficients of I _{sc}	0.048%/°C											
Nominal operating cell temperature (NOCT)	45±2°C											

MODULE DIAGRAM:



ELECTRICAL CURVES:



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
Junction box excluded	1530*530*2.00mm
Module Weight	1.85kg

QJ SOLAR Cixi City Rixing Electronics Co., Ltd.

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Email: sales@qjsolar.com Web: www.qjsolar.com



*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