



MONOCRYSTALLINE SOLAR MODULE

182-108 HALF CELL 390-415 WATT

QJ Solar linear warranty



12 Years
Limited Product Warranty



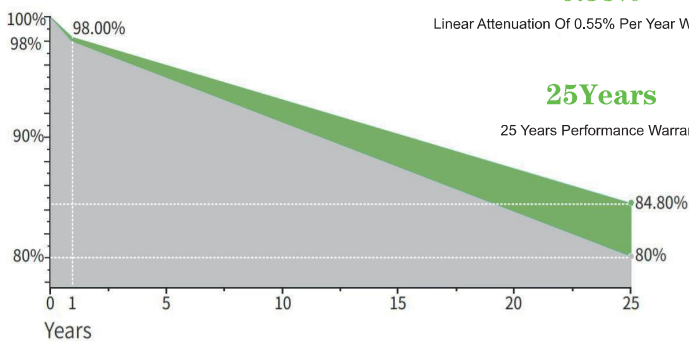
25 Years
Performance Warranty

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

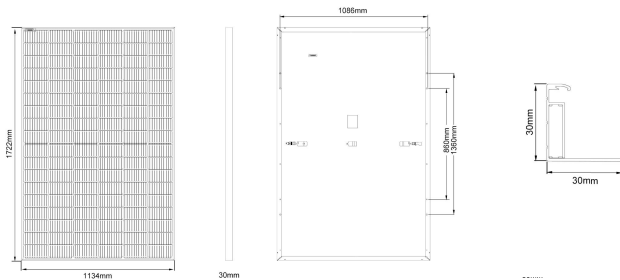


MONOCRYSTALLINE 182-108 HALF CELL 390-415 WATT



Module Type	QJM390-108H		QJM395-108H		QJM400-108H		QJM405-108H		QJM410-108H		QJM415-108H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	390WP	295WP	395WP	299WP	400WP	302WP	405WP	306WP	410WP	310WP	415WP	314WP
Maximum Power Voltage (Vmp)	31.14V	28.77V	31.2V	28.83V	31.3V	28.92V	31.38V	28.99V	31.47V	29.08V	31.55V	29.15V
Maximum Power Current (Imp)	12.53A	10.25A	12.67A	10.36A	12.78A	10.45A	12.91A	10.56A	13.02A	10.65A	13.16A	10.76A
Open-circuit Voltage (Voc)	36.8V	34.22V	36.9V	34.32V	37V	34.41V	37.1V	34.5V	37.2V	34.6V	37.3V	34.7V
Short-circuit Current (Isc)	13.41A	10.97A	13.55A	11.08A	13.68A	11.19A	13.81A	11.3A	13.94A	11.4A	14.07A	11.5A
Module Efficiency STC (%)	19.9%		20.2%		20.5%		20.7%		21.0%		21.2%	
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	-0.29%/°C											
Temperature coefficients of Voc	-0.25%/°C											
Temperature coefficients of Isc	0.045%/°C											
Nominal operating cell temperature (NOCT)	45±2°C											

MODULE DIAGRAM:



MECHANICAL CHARACTERISTICS:

Front Cover	Tempered AR coated glass, 3.2mm
Solar Cell	108 (6*9+6*9) Monocrystalline
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Cables & Plug connectors	300mm, 4mm ² & MC4 compatible; customized
Module Dimensions	1722*1134*30mm (±1mm)
Module Weight	21kg

QJ SOLAR Cixi City Rixing Electronics Co., Ltd.

Add: No.69, Mingde Road, Zhouxiang Town, Cixi City, Ningbo, Zhejiang Province, China
Tel: 86-574-63441748 Fax: 86-574-63456148
Email: sales@qjsolar.com Web: www.qjsolar.com



*STC: Irradiance 1000W/m²

Cell Temperature 25°C

NOCT: Irradiance 800W/m²

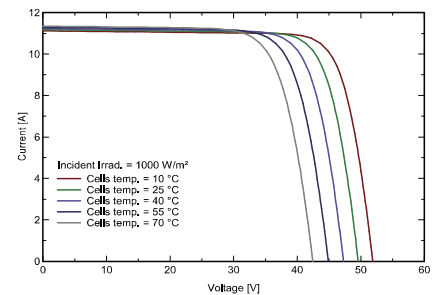
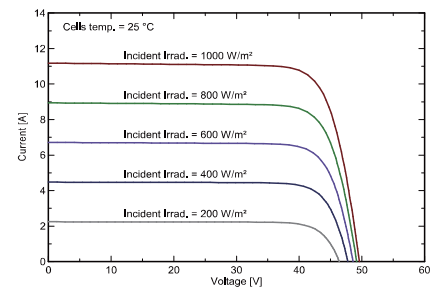
Ambient Temperature 20°C

AM=1.5

AM=1.5

Wind Speed 1m/s

ELECTRICAL CURVES:



PACKING DETAILS:

Container	40' GP
Pieces per pallet	36PCS
Pallets per container	26P
Pieces per container	936PCS