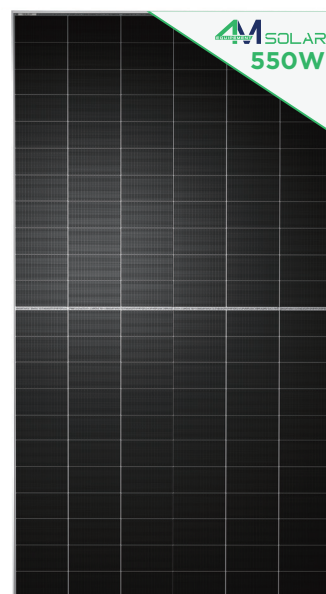




MONOCRYSTALLINE SOLAR MODULE

182-144 HALF CELL 525-550 WATT

QJPV linear warranty



**12
Years**

Limited Product Warranty



**25
Years**

Performance Warranty

2%

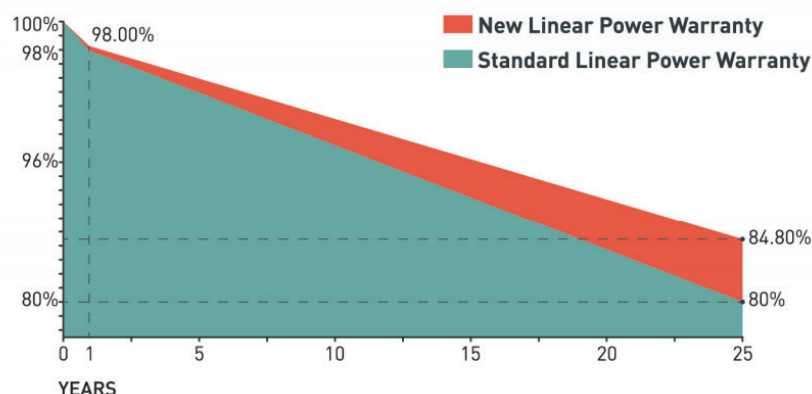
The First Year Degradation

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



MONOCRYSTALLINE

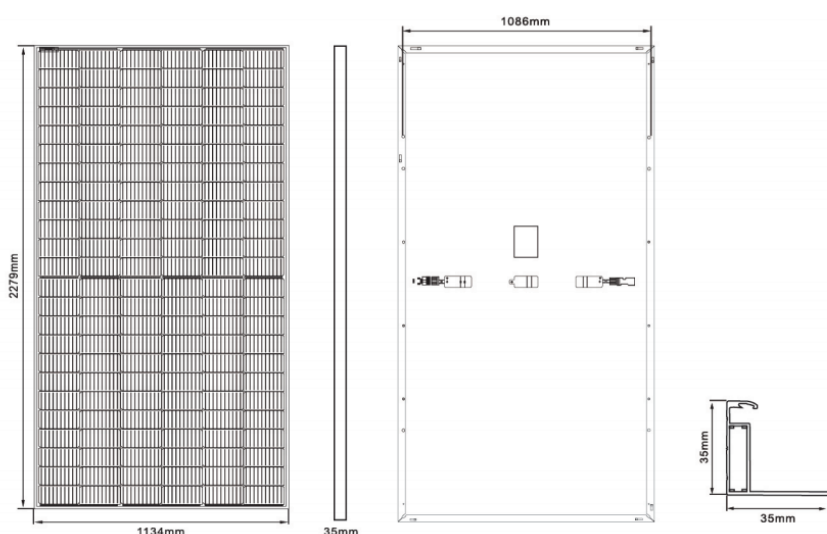
182-144 HALF CELL 525-550 WATT



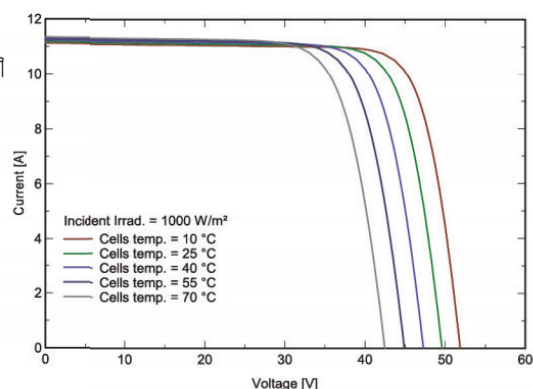
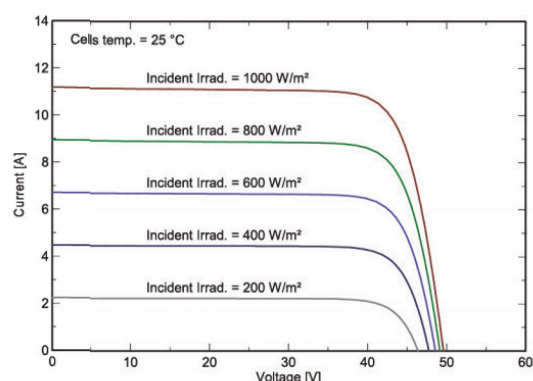
ELECTRICAL PERFORMANCE

Module Type	QJM525-144H	QJM530-144H	QJM535-144H	QJM540-144H	QJM545-144H	QJM550-144H
	STC	STC	STC	STC	STC	STC
Maximum Power(Pmax)	525WP	530WP	535WP	540WP	545WP	550WP
Maximum Power Voltage(Vmp)	41.80V	41.84V	41.88V	41.96V	42.05V	42.13V
Maximum Power Current(Imp)	12.56A	12.69A	12.78A	12.87A	12.96A	13.05A
Open-circuit Voltage(Voc)	49.30V	49.40V	49.50V	49.60V	49.70V	49.80V
Short-circuit Current(Isc)	13.44A	13.58A	13.67A	13.78A	13.87A	13.97A
Module Efficiency STC(%)	20.35%	20.54%	20.74%	20.93%	21.12%	21.32%
Operating Temperature(°C)	-40°C - +85°C					
Maximum System Voltage	1500VDC					
Maximum Series Fuse Rating	25A					
Power Tolerance	0 ~ +5W					
Temperature Coefficients Of Voc	-0.25%/°C		Temperature Coefficients Of Pmax		-0.29%/°C	
Temperature Coefficients Of Isc	0.045%/°C		Nominal Operating Cell Temperature(NOCT)		45±2°C	

MODULE DIAGRAM



ELECTRICAL CURVES



*STC: Irradiance 1000W/m² Cell Temperature 25°C AM 1.5

MECHANICAL CHARACTERISTICS

Front Cover	Tempered AR coated glass, 3.2mm
Solar Cell	144(6*12+6*12)Monocrystalline
Frame	Anodized aluminum alloy
Junction Box	IP68, 3 diodes
Protection Class	Class II
Front/Rear Side Maximum Static Loading	5400Pa/2400Pa
Cables & Plug Connectors	300mm, 4mm² & MC4 compatible; customized
Application Level	Class A
Module Dimensions	2279*1134*35mm(±1mm)
Module Weight	27kg

PACKING DETAILS

Container	40HQ
Pieces per pallet	31PCS
Pallets per container	20P
Pallets per container	620PCS