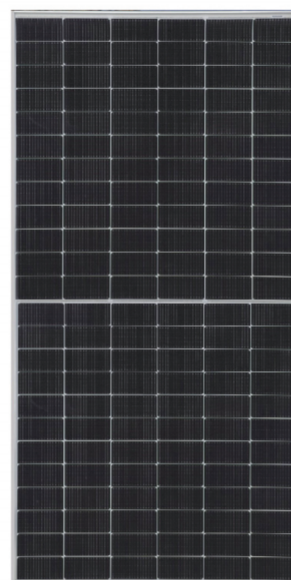




N-TOPCon BIFACIAL MONOCRYSTALLINE SOLAR MODULE

182-144 HALF CELL 555-585 WATT



QJPV linear warranty



12 Years

Limited Product Warranty



30 Years

Performance Warranty

1%

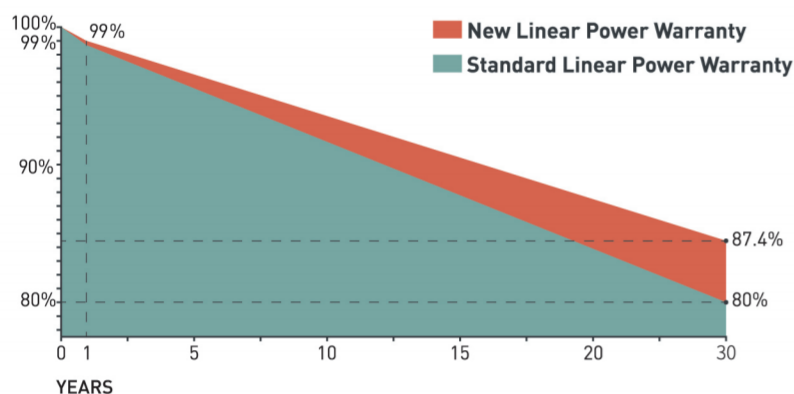
The First Year Degradation

0.4%

Linear Attenuation Of 0.4% Per Year Within 30 Years

30Years

30 Years Performance Warranty



The solar panel characteristics



SMBB Cell Design



Low Degradation



High Reliability



Excellent Low-light Performance



PID Resistant



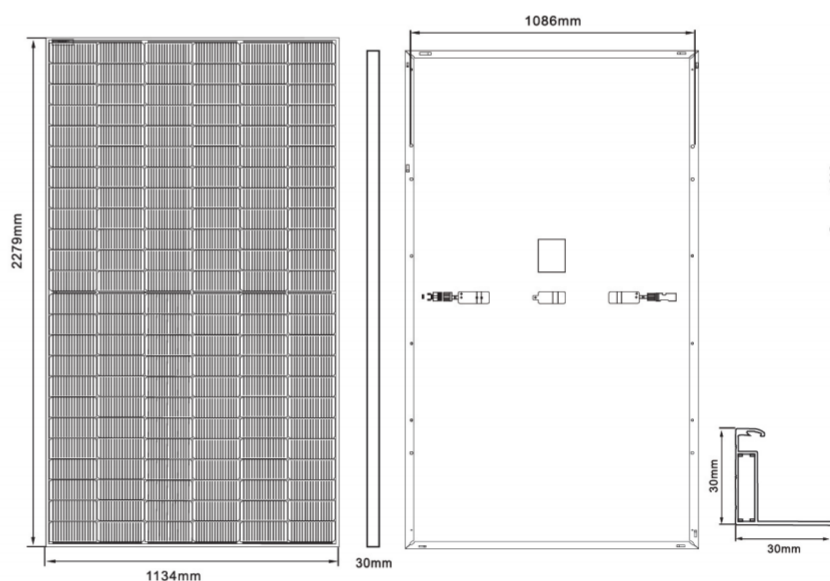
N-TOPCon BIFACIAL MONOCRYSTALLINE

182-144 HALF CELL 555-585 WATT

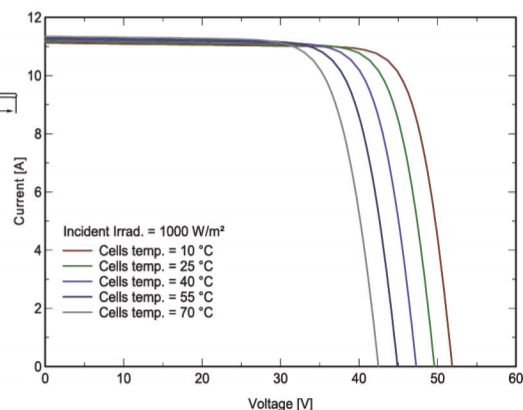
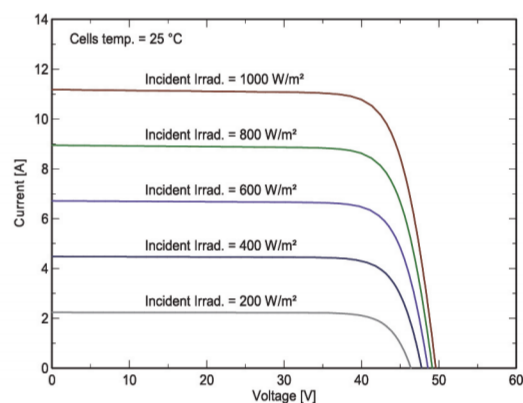
ELECTRICAL PERFORMANCE

Module Type	QJM555-144HNDG	QJM560-144HNDG	QJM565-144HNDG	QJM570-144HNDG	QJM575-144HNDG	QJM580-144HNDG	QJM585-144HNDG
	STC	STC	STC	STC	STC	STC	STC
Maximum Power(Pmax)	555WP	560WP	565WP	570WP	575WP	580WP	585WP
Maximum Power Voltage(Vmp)	42.75V	42.92V	43.08V	43.25V	43.42V	43.58V	43.75V
Maximum Power Current(Imp)	12.99A	13.05A	13.12A	13.18A	13.25A	13.31A	13.38A
Open-circuit Voltage(Voc)	51.3V	51.5V	51.7V	51.9V	52.1V	52.3V	52.5V
Short-circuit Current(Isc)	13.69A	13.76A	13.82A	13.89A	13.96A	14.02A	14.10A
Module Efficiency STC(%)	21.51%	21.71%	21.90%	22.10%	22.29%	22.48%	22.67%
Operating Temperature(°C)	-40°C ~ +85°C						
Maximum System Voltage	1500VDC						
Maximum Series Fuse Rating	30A						
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, 2.0mm
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*30mm(±1mm)
Module Weight	32kg

PACKING DETAILS

Container	40HQ
Pieces per pallet	36PCS
Pallets per container	20P
Pallets per container	720PCS