



- **Ultra-light:** Glass free module is 70% lighter than conventional glass modules
- **Aesthetic:** Seamless integration with underlying installation surface.
- **Durable:** It has passed the durability tests, PID, salt mist and ammonia corrosion tests.

N-TOPCon Mono-crystalline Flexible PV Module

225W

Electrical Specifications

Module Type		RFMM12NH4-225
Peak Power(Pmax)±3%	(W)	225
Power Tolerance	(W)	0~+5
Max.Power Voltage(Vmp)	(V)	29.37
Max.Power Current(Imp)	(A)	7.66
Open-circuit Voltage(Voc)±3%	(V)	34.89
Short-circuit Current(Isc)+3%	(A)	8.11
Module Efficiency	%	21.4

STC: AM1.5, Temperature 25°C, Irradiance 1000 W/m²

Mechanical Specifications

Solar Cells	N-Mono-182*52.5mm
Arrangement	Type-4*24
Front Sheet	PET composite membrane
Back Sheet	PET composite membrane
Junction Box	IP67
Cables	2.5mm² photovoltaic cables
Connectors	MC4 compatible/IP67
Application Class	Class A
Safety Rate	Class II (IEC)
Fire Rate	Class C (TUV)

Packing Configuration

Package Weight & Size	274Kg/pallet & 1390*1130*1120mm		
20'GP Container	52pcs/pallet	16 pallets/20'GP	832 pcs
40'HQ Container	56pcs/pallet	32pallets/40'HQ	1792 pcs



Product Warranty



Performance Warranty

Dimensions of PV Module

Module Dimensions	1350*780*2.5mm
Module Weight	3.7kg(±3%)

Temperature Characteristics & Operating Conditions

Temperature Coefficient (Pmax)	δ[%/°C]	-0.30
Temperature Coefficient (Voc)	β[%/°C]	-0.25
Temperature Coefficient (Isc)	α[%/°C]	+0.045
Nominal Operating Cell Temperature	NMOT	44°C±2°C
Operating Temperature	(°C)	-20~+65
Max. Series Fuse Rating	(A)	15
Max. System Voltage(DC)	(V)	1500 (IEC)

Configuration

Configuration	Default	Choose
Backsheet Color	☐ White	☐ Black
Cable Length	☐ 450mm	☐ Customization
Connectors	☐ Compatible MC4	☐ Original EVO2



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