

- **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 | 2.5mm ² photovoltaic cables | | |
| Connectors | MC4 compatible/IP67 | | |
| Application Class | Class A | | |
| Safety Rate | Class II (IEC) | | |
| Fire Rate | Class C (TUV) | | |

Packing Configuration

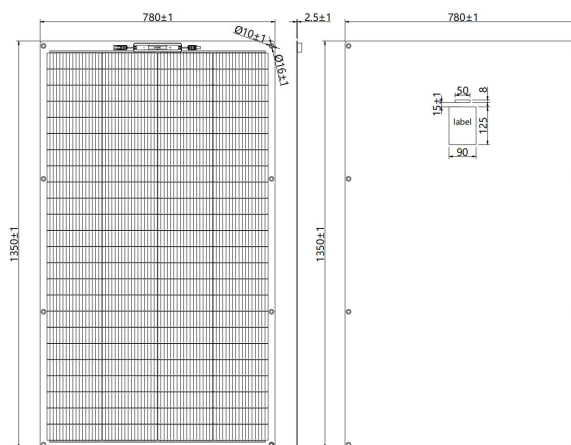
| | | | |
|-----------------------|---------------------------------|------------------|----------|
| Package Weight & Size | 274Kg/pallet & 1390*1130*1120mm | | |
| Package Weight & Size | 295Kg/pallet & 1390*1130*1245mm | | |
| 20'GP Container | 52pcs/pallet | 16 pallets/20'GP | 832 pcs |
| 40'HQ Container | 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] | -0.3 |
| 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 | Default | Choose |
|-----------------|---|--|
| Backsheet Color | <input type="checkbox"/> White | <input type="checkbox"/> Black |
| Cable Length | <input type="checkbox"/> 450mm | <input type="checkbox"/> Customization |
| Connectors | <input type="checkbox"/> Compatible MC4 | <input type="checkbox"/> Original EVO2 |



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