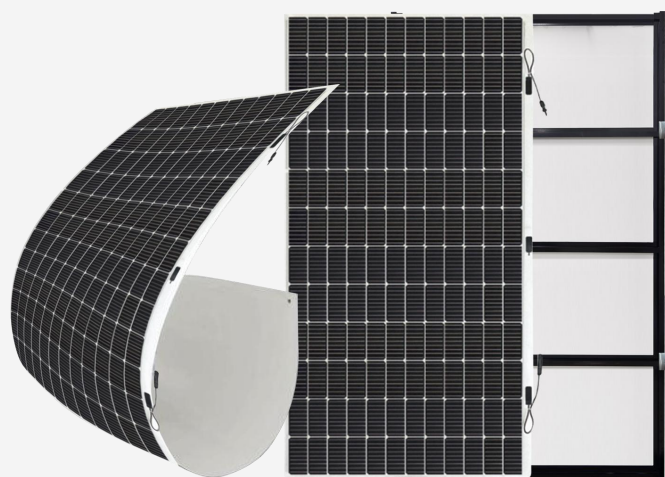


# XSFM-560-T2 / Flexible Modules



## N-TOPCON

Conversion Efficiency

23.5%

Weight

2.9kg/m<sup>2</sup>

4.3kg/m<sup>2</sup> With Bracket

Quality Assurance

Product warranty 12 years

Power warranty 25 years



Seaming Accessories



## ELECTRICAL PROPERTY PARAMETER

| ELECTRICAL PROJECT                 |         | PARAMETERS  |       |
|------------------------------------|---------|-------------|-------|
| Maximum power                      | Pmax(W) | 560         | 580   |
| Optimum operating voltage          | Vmp(V)  | 43.18       | 44.19 |
| Optimum operating current          | Imp(A)  | 12.97       | 13.13 |
| Open-circuit voltage               | Voc(V)  | 52.58       | 53.03 |
| Short-circuit current              | Isc(A)  | 13.69       | 13.86 |
| Module operating temperature range | °C      | -40°C~+85°C |       |
| Maximum system voltage             | V(IEC)  | DC1000/1500 |       |
| Maximum fuse current               | A       | 25          |       |
| Power tolerance range              | %       | 0~+3%       |       |

\*STC(Standard test circumstance): Frontal irradiation 1000W/m<sup>2</sup>, Cell temperature 25°C, Spectrum AM1.5.

## TEMPERATURE COEFFICIENT

|                                               |      |      |          |
|-----------------------------------------------|------|------|----------|
| Rated operating temperature of the cell       | VOCT | °C   | 44°C±2°C |
| Maximum power temperature coefficient         | Pmax | %/°C | -0.26    |
| Open-circuit voltage temperature coefficient  | Voc  | %/°C | -0.24    |
| Short-circuit current temperature coefficient | Isc  | %/°C | 0.04     |

## MECHANICAL PARAMETER

|                                   |                                                                           |
|-----------------------------------|---------------------------------------------------------------------------|
| Cell type                         | TOPCon cell 182×91mm                                                      |
| Cell arrangement                  | 144 pcs (12×12)                                                           |
| Module size                       | 2260x1209x2.7mm                                                           |
| Module weight                     | 8.3kg                                                                     |
| Junction box                      | Enclosure rating IP68                                                     |
| Output cable                      | 4mm <sup>2</sup> , 500mm cable net length. Cable length can be customized |
| Connector type                    | MC4 compatibility                                                         |
| Frame                             | N/A                                                                       |
| Front static load (snow pressure) | 5400Pa                                                                    |
| Rear static load (wind pressure)  | 2400Pa                                                                    |

## COMPREHENSIVE PRODUCT CERTIFICATION AND QUALITY MANAGEMENT SYSTEM



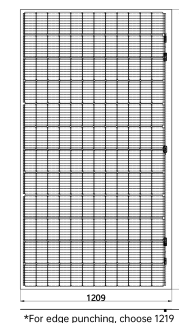
## SAFETY LEVEL & WARRANTY

|                  |                                              |
|------------------|----------------------------------------------|
| Safety level     | Class II                                     |
| Product warranty | 12 years of product materials and technology |
| Power warranty   | 25 years linear power output                 |

\*The attenuation in the first year is less than 1.5%. From the following year, the annual decline is less than 0.4%. The module power is no less than 85% in the 25th year.

## PACKING DETAILS

| Transportation         | Platform Lorry   | Platform Lorry | Container | Container |
|------------------------|------------------|----------------|-----------|-----------|
| Size                   | 13m              | 17.5m          | 20'C      | 40'C      |
| Pallet                 | 22               | 30             | 4         | 18        |
| Piece/Pallet           | 70               | 70             | 70        | 70        |
| Total pieces           | 1540             | 2100           | 280       | 1260      |
| Packaging size(Pallet) | 2320*1110*1400mm |                |           |           |



## PRODUCT FEATURE



High reliability in harsh environment testing



High flexibility fit all kinds of roofing



The lack of scaffolds cuts labor and reduces costs



Customizable dimensions save transportation costs



Realize mobile energy through various uses