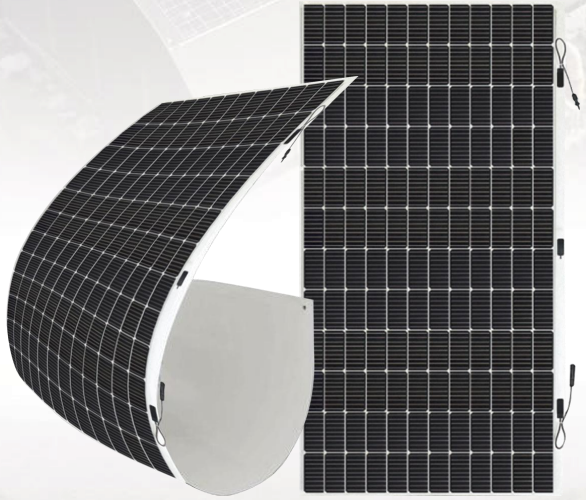
X-SOLAR

XSFM-560-T2 / Flexible Modules



N-TOPCON

Conversion Efficiency
23.5%

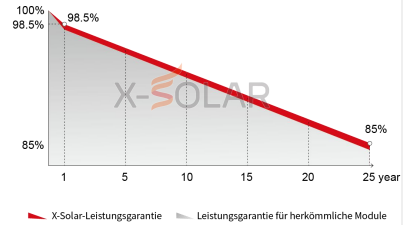
Weight
3.1kg/m²

Quality Assurance
Product warranty 12 years
Power warranty 25 years

ELECTRICAL PROPERTY PARAMETER

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

*STC(Standard test circumstance): Frontal irradiation 1000W/m², Cell temperature 25℃, Spectrum AM1.5.



TEMPERATURE COEFFICIENT

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

SAFETY LEVEL & WARRANTY

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

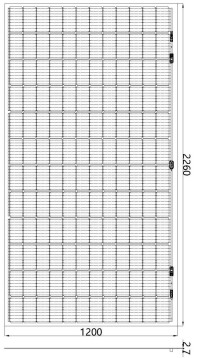
*The attenuation in the first year is less than 1.5%.
From the following year, the annual decline is less than 0.5%.
The module power is no less than 85% in the 25th year.

MECHANICAL PARAMETER

Cell type	TOPCon cell 182×91mm
Cell arrangement	144 pcs (12×12)
Module size	2260x1200x2.7mm
Module weight	8.4kg
Junction box	Enclosure rating IP68
Output cable	4mm²,400mm 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

PACKING DETAILS

Transportation	Platform Lorry	Platform Lorry	Container	Container
Size	13m	17.5m	20'C	40'C
Pallet	22	30	4	17
Piece/Pallet	70	70	70	70
Total pieces	1540	2100	280	1190
Size/Weight (Pallet)	2330*1110*1330mm			



COMPREHENSIVE PRODUCT CERTIFICATION AND QUALITY MANAGEMENT SYSTEM

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

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*Jinzhou Industrial Steel Plant Curved Shed Roof Project in Yutian County, Tangshan
*Hexiang Expressway Tunnel Entrance Project

*X-solar Energy reserves the right of final interpretation of the above data
Product specification sheet version number: X-SOLAR202607