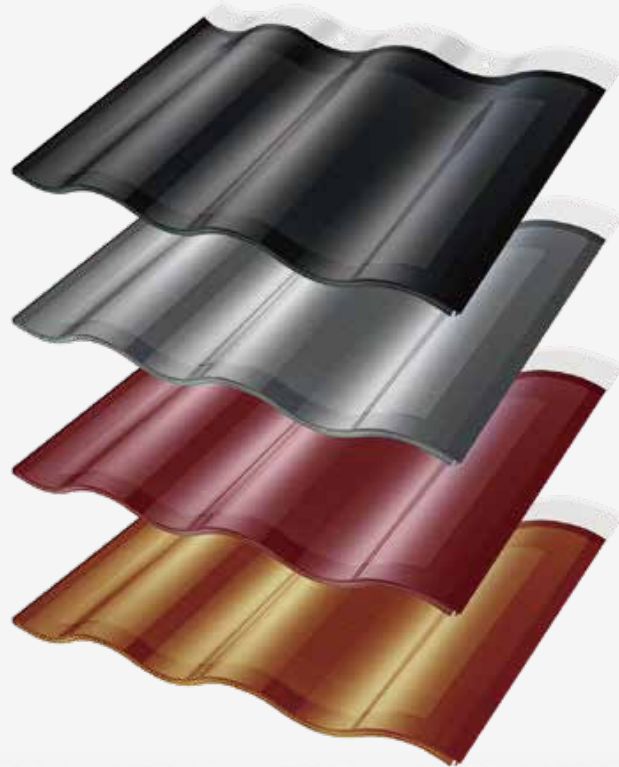


BIPV Module

XSDCM-50-H / Curved Tile

[Multiple color options]

● Night black ● Sky gray ● Brick red ● Sunny orange



N-HJT

Conversion Efficiency
23.8%

Maximum Power Output
50W

Weight
5.5kg/pc

Quality Assurance

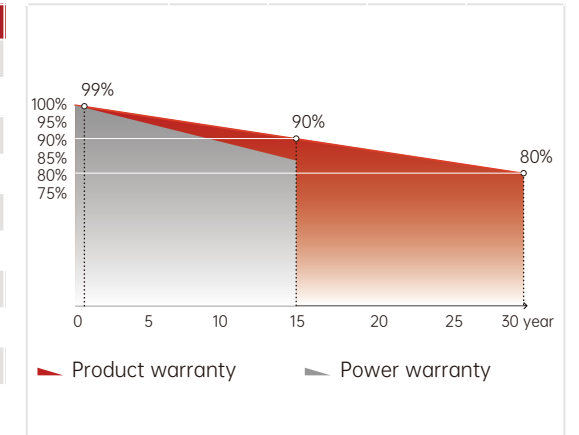
Product warranty **15** years
Power warranty **30** years

Classical curved tiles combine power generation and architectural aesthetics.

ELECTRICAL PROPERTY PARAMETER

ELECTRICAL PROJECT		PARAMETERS		
Maximum power	Pmax(W)	46	48	50
Optimum operating voltage	Vmp(V)	5.86	5.95	5.98
Optimum operating current	Imp(A)	7.85	8.07	8.37
Open-circuit voltage	Voc(V)	6.64	6.67	6.69
Short-circuit current	Isc(A)	8.44	8.49	8.62
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/m², 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

SAFETY LEVEL & WARRANTY

Safety level	Class II
Product warranty	15 years of product materials and technology
Power warranty	30 years linear power output

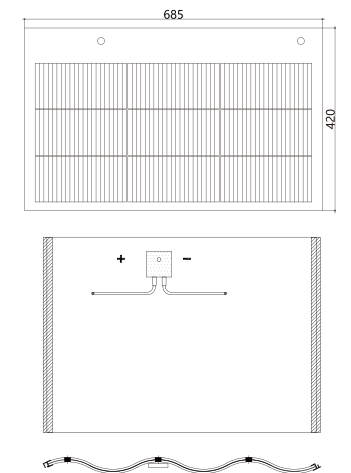
*The attenuation in the first year is 1%.
From the following year, the annual decline is less than 0.5%.
The module power is no less than 80% in the 30th year.

MECHANICAL PARAMETER

Cell type	HJT cell 210×105mm
Cell arrangement	9 pcs (3×3)
Module size	685×420×9mm
Module weight	5.5kg
Junction box	Enclosure rating IP68
Output cable	4mm², 500mm cable net length. Cable length can be customized
Connector type	MC4 compatibility
Frame	Aluminium alloy
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	64	88	21	45
Piece/Pallet	70	70	70	70
Total pieces	4480	6160	1470	3150
Packaging size (Pallet)	1510*1110*570mm			



COMPREHENSIVE PRODUCT CERTIFICATION AND QUALITY MANAGEMENT SYSTEM



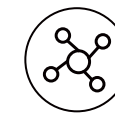
PRODUCT FEATURE



Composite integrated design
drainage, ventilation
and heat insulation



The classical curved tile style
inherits the architectural
aesthetic model



The patented design
is convenient
and quick to install



Patented packaging
process with double
waterproof sealing



Customized development
of color for patented
nano-film layers