

Shenzhen Xiangxinrui Solar Energy Co. ,Ltd

Add: 4F Building , Xinfu 1st Rd, Xinfu Industry Park, Shajing, Shenzhen

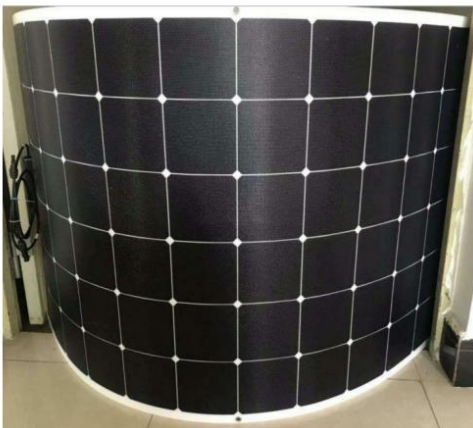
5*10PCS '125*125mm' SUNPOWER SOLAR CELL

Sunpower ETFE Flexible Solar Panel

Positive power tolerance 0~+3W



Key Features



10 year
30 year

Long Warranty:
10 years for product
25 years for power output



High Efficiency:
High module conversion efficiency(up to 25.3%)
through innovative manufacturing technology.



Low-light Performance:
Advanced glass and solar cell surface texturing allow
for excellent performance in low-light environments.



Severe Weather Resilience:

Wind load up to 3800Pa/ snow load up to 5400Pa



Durability against extreme environmental conditions:

High salt mist and ammonia corrosion resistance tests passed

SPECIFICATIONS

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Item No.	XXR-SFSP-ETFE-H160W	XXR-SFSP-ETFE-H165W	XXR-SFSP-ETFE-H170W	XXR-SFSP-ETFE-H175W	XXR-SFSP-ETFE-H180W	XXR-SFSP-ETFE-H185W
	STC					
Solar Panel Size(mm)	1300*670*3mm (10*5 series)					
Solar cell size (mm)	Sunpower 125*125mm					
Max Power(Pmax)	190w					
Max Power Voltage(Vmp)	30V					
Max Power Current(Imp)	6.33A					
Open Circuit Voltage(Voc)	35.4V					
Short Circuit Current (Isc)	6.96A					
Module Efficient STC (%)	25.					
Operating Temperature(°C)	-40°C ~+85°C					
Max system voltage	1000VDC (IEC)					
Max series fuse rating	15A					
Power tolerance	0~+3W					
Temperature coefficient of Pmax	-0.42%/°C					
Temperature coefficient of Voc	-0.32%/°C					
Temperature coefficient of Isc	0.05%/°C					
Nominal operating cell temperature(NOCT)	45 ± 2 °C					
	STC: Irradiance 1000W/m ² ;		Cell Temperature: 25 °C;		AM=1.5	

Mechanical Characteristics

Cell Type	Sunpower 125*125mm (5inch)
Number of cells	50(10*5) pcs
Dimesion	1300*670*3mm
Weight	3.15KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm ² , Length: 900mm

