

Shenzhen Xiangxinrui Solar Energy Co. ,Ltd

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

6*8PCS '125*125mm' SUNPOWER SOLAR CELL

Sunpower ETFE Flexible Solar Panel

Positive power tolerance 0~+3W



Solar



Key Features



Long Warranty:

10 years for product
25 years for power output



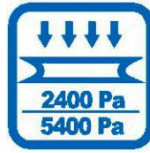
High Efficiency:

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

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
Solar Panel Size(mm)	STC		1050*790*3mm (8*6 series)			
Solar cell size (mm)	Sunpower 125*125mm					
Max Power(Pmax)	160W	165w	170w	175w	180w	185w
Max Power Voltage(Vmp)	26.5V	26.5V	26.5V	26.5V	26.5V	26.5V
Max Power Current(Imp)	6.04A	6.23	6.41	6.6	6.79	6.98
Open Circuit Voltage(Voc)	31.3V	31.3V	31.3V	31.3V	31.3V	31.3V
Short Circuit Current (Isc)	6.65A	6.85	7.06	7.26	7.47	7.68
Module Efficient STC (%)	21.6	22.3	23.0	23.6	24.3	25.2
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/m²; Cell Temperature: 25°C; AM=1.5

Mechanical Characteristics

Cell Type	Sunpower 125*125mm (5inch)
Number of cells	54(9*6) pcs
Dimesion	1050*790*3mm
Weight	2.95KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm ² , Length: 900mm

