

Shenzhen Xiangxinrui Solar Energy Co. ,Ltd

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

77PCS 7*11 series '125*125mm' SUNPOWER SOLAR CELL

Sunpower ETFE Flexible Solar Panel

Positive power tolerance 0~+3W



Solar



Key Features



10 year
30 year

Long Warranty:

10 years for product
25 years for power output



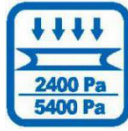
High Efficiency:

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

Item No.	XXR-SFSP-ETFE-H265W	XXR-SFSP-ETFE-H270W	XXR-SFSP-ETFE-H275W	XXR-SFSP-ETFE-H280W	XXR-SFSP-ETFE-H285W	XXR-SFSP-ETFE-H290W	XXR-SFSP-ETFE-H300W
	STC						
Solar Panel Size(mm)	1425*915*3mm						
Solar Cell Size(mm)	Sunpower 125*125mm						
Max Power(Pmax)	265W	270w	275w	280w	285w	290w	300w
Max Power Voltage(Vmp)	42.3V	42.3V	42.3V	42.3V	42.3V	42.3V	42.3V
Max Power Current(Imp)	6.26A	6.38	6.5	6.62	6.73	6.85	7.09
Open Circuit Voltage(Voc)	49.9V	49.9V	49.9V	49.9V	49.9V	49.9V	49.9V
Short Circuit Current (Isc)	6.89A	7.02	7.15	7.28	7.41	7.54	7.8
Module Efficient STC (%)	22.2	22.6	23.1	23.8	24.0	24.3	25.3
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	77pcs (7*11 series)
Dimesion	1425*915*3mm
Weight	4.5KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm ² , Length: 900mm

