

**Shenzhen Xiangxinrui Solar Energy Co. ,Ltd**

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

84PCS 7\*12 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



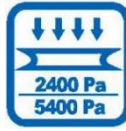
### High Efficiency:

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-H295W	XXR-SFSP-ETFE-H300W	XXR-SFSP-ETFE-H305W	XXR-SFSP-ETFE-H310W	XXR-SFSP-ETFE-H315W	XXR-SFSP-ETFE-H320W	XXR-SFSP-ETFE-H325W
	STC						
Solar Panel Size(mm)	1550*915*3mm						
Solar Cell Size( mm)	Sunpower 125*125mm						
Max Power(Pmax)	295W	300w	305w	310w	315w	320w	325w
Max Power Voltage(Vmp)	46V	46V	46V	46V	46V	46V	46V
Max Power Current(Imp)	6.41A	6.52	6.63	6.74	6.84	6.95	7.06
Open Circuit Voltage(Voc)	54.5V	54.5V	54.5V	54.5V	54.5V	54.5V	54.5V
Short Circuit Current (Isc)	7.05A	7.17	7.29	7.41	7.53	7.65	7.78
Module Efficient STC (%)	22.8	23.1	23.7	23.8	24.2	24.6	25.0
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<sup>2</sup>; Cell Temperature: 25°C; AM=1.5

## Mechanical Characteristics

Cell Type	Sunpower 125*125mm (5inch)
Number of cells	84pcs (7*12 series)
Dimesion	1550*915*3mm
Weight	4.9KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm <sup>2</sup> , Length: 900mm

