

Shenzhen Xiangxinrui Solar Energy Co. ,Ltd

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

6\*11 PCS '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



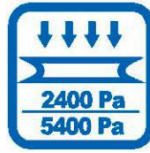
### High Efficiency:

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-H220W	XXR-SFSP-ETFE-H230W	XXR-SFSP-ETFE-H235W	XXR-SFSP-ETFE-H240W	XXR-SFSP-ETFE-H245W	XXR-SFSP-ETFE-H250W	XXR-SFSP-ETFE-H255W
	STC						
Solar Panel Size(mm)	1425*790*3mm (11*6 series)						
Solar Cell Size( mm)	Sunpower 125*125mm						
Max Power(Pmax)	220W	230w	235w	240w	245w	250w	255w
Max Power Voltage(Vmp)	36V	36V	36V	36V	36V	36V	36V
Max Power Current(Imp)	6.11A	6.38	6.53	6.66	6.8	6.94	7.08
Open Circuit Voltage(Voc)	42.48V	42.48V	42.48V	42.48V	42.48V	42.48V	42.48V
Short Circuit Current (Isc)	6.72A	7.03	7.18	7.33	7.48	7.64	7.79
Module Efficient STC (%)	21.6	22.6	23.0	23.7	24.0	24.5	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/m<sup>2</sup>; Cell Temperature: 25°C; AM=1.5

## Mechanical Characteristics

Cell Type	Sunpower 125*125mm (5inch)
Number of cells	66 (11*6) pcs
Dimesion	1425*790*3mm
Weight	3.85KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm <sup>2</sup> , Length: 900mm

