

Shenzhen Xiangxinrui Solar Energy Co. ,Ltd

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

4\*11 PCS '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



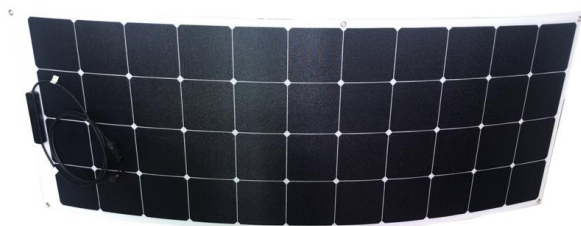
### High Efficiency:

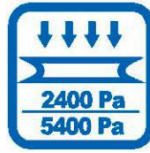
High module conversion efficiency(up to 25.3%)  
through innovative manufacturing technology.



### 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-145W	XXR-SFSP-ETFE-150W	XXR-SFSP-ETFE-155W	XXR-SFSP-ETFE160W	XXR-SFSP-ETFE-165W	XXR-SFSP-ETFE-170W
Size(mm)	STC		1460*540*3mm (4*11 series)			
Max Power(Pmax)	145W	150w	155w	160w	165w	170w
Max Power Voltage(Vmp)	24.2V	24.2V	24.2V	24.2V	24.2V	24.2V
Max Power Current(Imp)	5.99A	6.2	6.4	6.61	6.81	7.02
Open Circuit Voltage(Voc)	28.5V	28.5V	28.5V	28.5V	28.5V	28.5V
Short Circuit Current (Isc)	6.59A	6.82	7.05	7.27	7.5	7.73
Module Efficient STC (%)	21.4	22.1	22.8	23.6	24.3	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	44(4*11)pcs
Dimesion	1460*540*3mm
Weight	2.56KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm <sup>2</sup> , Length: 900mm

