

4\*8 PCS '125\*125mm' SUNPOWER SOLAR CELL

## Sunpower flexible solar panel

Positive power tolerance 0~+3W



# Solar

## Key Features



### Long Warranty:

10 years for product  
25 years for power output



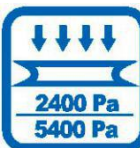
### High Efficiency:

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.



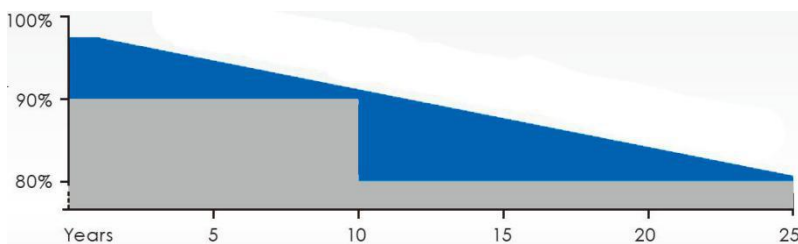
### Severe Weather Resilience:

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-SF sunpower-100W	XXR-SF sunpower-105W	XXR-SF sunpower-110W	XXR-SF sunpower-115W	XXR-SF sunpower-120W	XXR-SF sunpower-125W
	STC					
Max Power(Pmax)	100W	105w	110w	115w	120w	125w
Max Power Voltage(Vmp)	18V	18V	18V	18V	18V	18V
Max Power Current(Imp)	5.55A	5.83	6.1	6.38	6.66	6.94
Open Circuit Voltage(Voc)	21.24V	21.24	21.24	21.24	21.24	21.24
Short Circuit Current (Isc)	6.1A	6.42	6.72	7.03	7.33	7.64
Module Efficient STC (%)	20.2	21.2	22.2	23.2	24.2	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	32(4*8)pcs
Dimesion	1050*540*30mm
Weight	1.85KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm <sup>2</sup> , Length: 900mm

