

Shenzhen Xiangxinrui Solar Energy Co. ,Ltd

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

6*7 PCS '125*125mm' SUNPOWER SOLAR CELL

Sunpower flexible solar panel

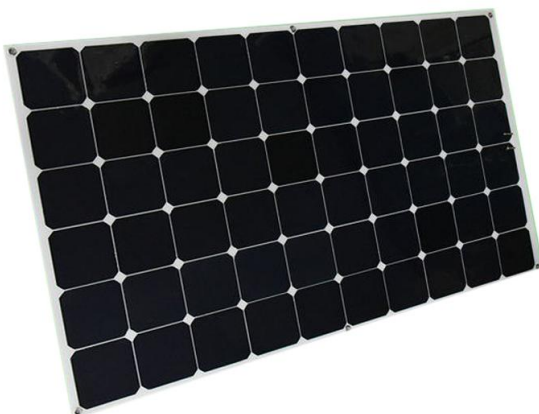
Positive power tolerance 0~+3W



Solar



Key Features



10 year
30 year

Long Warranty:

10 years for product
25 years for power output



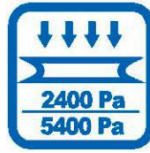
High Efficiency:

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-SF sunpower-140W	XXR-SF sunpower-145W	XXR-SF sunpower-150W	XXR-SF sunpower-155W	XXR-SF sunpower-160W
Size(mm)	STC		915*790*3mm (6*7 series)		
Max Power(Pmax)	140W	145w	150w	155w	160w
Max Power Voltage(Vmp)	23.1V	23.1V	23.1V	23.1V	23.1V
Max Power Current(Imp)	6.06A	6.27	6.49	6.7	6.92
Open Circuit Voltage(Voc)	27.26V	27.26	27.26	27.26	27.26
Short Circuit Current (Isc)	6.66A	6.9	7.14	7.38	7.62
Module Efficient STC (%)	21.6	22.4	23.2	23.8	24.6
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 ² ;		Cell Temperature: 25°C;		AM=1.5

Mechanical Characteristics

Cell Type	Sunpower 125*125mm (5inch)
Number of cells	42(6*7)pcs
Dimesion	915*790*3mm
Weight	2.45KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm ² , Length: 900mm

