



## Semi Flexible Solar Panel



### Installation & Advantage

Sinosola Semi panel with four installation holes in the corners, Also can use adhesive tape, screws to mount  
Light weight for easy carrying  
Waterproof, perfect to use on yacht, car, boat, snow mobile, golf-cart.... etc  
\*High efficiency crystalline solar panel

### Field of application



### Electrical Characteristics

Type	SAFP-100W
Maximum power (Wp)	100
Maximum power voltage (V)	18.97
Maximum power current (A)	5.28
Open circuit voltage (V)	22.76
Short circuit current (A)	5.69
Cell Efficiency (%)	17.00%
FF (%)	≥74%
Maximum system voltage (V)	600V
Temperature Range	-40℃ to +85℃
Power tolerance (%)	±5%
Standard Test Conditions	1000W/m <sup>2</sup> , AM1.5, 25℃

### Mechanical Characteristics

Solar cell	Poly
Size of module (mm)	1090*674
Weight per piece (kg)	3
Connectors	MC4
Cables	0.9m cable

### Temperature coefficients

Nominal Operating Cell Temperature	45±2℃
Temperature coefficients $\beta$ (Voc)	Between -0.24%/℃ to -0.33%/℃
Temperature coefficients $\gamma$ (Pm)	Between -0.37%/℃ to -0.42%/℃
Temperature coefficients $\alpha$ (Isc)	Between 0.03%/℃ to 0.04%/℃

### Contact

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