

## Features

- 1, SunFlex series has a positive grid line, low temperature coefficient, low light response, can output more power, the price is cheaper than SUNPOWER, the same can be made of flexible components.
- 2, low temperature coefficient, power temperature coefficient  $-0.24\% / ^\circ\text{C}$ , absorb heat from the surface, reduce power loss
- 3, widely used in real estate, lawn vehicles, yachts, golf carts, light roofs and so on.
- 4, compared to other flexible panels more flexible, the battery itself has a certain degree of flexibility, in the time of bending will not be broken like SunPower, in a piece can be bent



**Flexible solar panel (SunFlex series)**  
**Lighter and thinner than regular glass panels**  
**Warranty 1 year, service life 10 years.**

### Electrical Characteristics

Product code	SunFlex-80W Q	SunFlex-160W Q
Maximum power(Pmax)	80W	160W
Voltage at Pmax(Vmp)	19.4	19.4
Current at Pmax(Imp)	4.12	8.25
Open-circuit voltage(Voc)	22.9	22.9
Short -circuit current(Isc)	4.50	9.00
Cells Efficiency(%)	20.50%	20.50%
The maximum system voltage	100VDC(IEC)	100VDC(IEC)
Power temperature coefficient	$-0.24\% / ^\circ\text{C}$	$-0.24\% / ^\circ\text{C}$
Voltage temperature coefficient	$-0.25\% / ^\circ\text{C}$	$-0.25\% / ^\circ\text{C}$
Current temperature coefficient	$-0.06\% / ^\circ\text{C}$	$-0.06\% / ^\circ\text{C}$
Output power tolerance	$\pm 3\%$	$\pm 3\%$
NOCT	$45 \pm 2^\circ\text{C}$	$45 \pm 2^\circ\text{C}$

### Specifications

	surface ETFE	surface ETFE
Construction	EVA	EVA
	backboard TPT	backboard TPT
Module dimension	700*670*3mm	1340*670*3mm
Weight	1.7KG	3.1KG
No.of cells and connections	4*8	4*8
Maximum bending arch height	40mm	150mm