
4.8V 12mA Thin Film A-Si Solar Cell

Product Features:

- 1).Waterproof with great voltage output.
- 2).No frame, standard thickness 3.2mm and easy integration.
- 3).Multiple units can be chained serial and/or parallel to increase voltage and current.
- 4).No toxic material.
- 5).Excellent response to low, cloudy and diffusive illumination.
- 6).Any shape and sizes available.
- 7) Outdoor use directly.

Specification:

Model No.: A-24

Peak Power: 57.6 mWatt

Open Circuit Voltage (Voc): 6.2V

Peak Voltage (Vmp): 4.8V

Short Circuit Current (Isc): 13.2mA

Peak Current (Imp): 12mA

Output Tolerance: $\pm 10\%$

Dimension: 60 x 25 x 3.2mm

Operating Temperature: -20°C to $+85^{\circ}\text{C}$

Storage Temperature: -5°C to $+45^{\circ}\text{C}$

Warranty: 2-year product guarantee

The configuration relationship between storage batteries and solar panels

DC Storage Battery	Solar Panel	Related Solar Module
1.2V	1.8V~2V	2 Volt solar panel
1.5V	2.2V-2.5V	2 Volt solar panel
2.4V	3.6V~4V	4 Volt solar panel
3.2V	4.5V-5V	5 Volt solar panel
3.7V	5.5V-6V	6 Volt solar panel
5V	7V-8V	8 Volt solar Panel
6V	9V	9 Volt solar panel
9V	12V-13.5V	13 Volt solar panel
12V	17.2~18V	18 Volt solar panel
18V	24V	24 Volt solar panel
24V	36V	36 Volt solar panel
36V	48V	48 Volt solar panel