

3V 10.8 μ A Indoor Solar Cell

Product Features:

- 1). Amorphous silicon solar cells directly convert ambient light into electricity.
- 2). The solar panels can be used to charge of low consumption devices such as watches, calculators, measurement units, smart sensors, room controls, welding helmets, wireless mouse and some more "technical" products.
- 3). Excellent sensitivity under medium and low illumination (artificial light, cloudy weather...).
- 4). Solar cell with thickness of 1.1mm can be easily embedded into the holder.
- 5). ITO glass substrate, square or rectangular shape.

Specification:

Model No.: A-01

Open Circuit Voltage (Voc): 4.0V

Operating Voltage (Vmp): 3.0V

Short Circuit Current (Isc): 15 μ A

Operating Current (Imp): 10.8 μ A

Dimension: 20 x 55 x 1.1mm

Operating Temperature: -20 $^{\circ}$ C to +65 $^{\circ}$ C

Storage Temperature: -20 $^{\circ}$ C to +65 $^{\circ}$ C

Warranty: 2-year product guarantee

Useful Tips:

- 1). The small solar panel can not be placed near to strong corrosive substance.
- 2). Avoid scraping by something hard when using.
- 3). Can not be collided during delivery and installation.
- 4). Clean them with a damp non-abrasive cloth.

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