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### 3.8V 30 $\mu$ A Amorphous Silicon Solar Cell

#### Product Features:

- 1). Amorphous silicon solar cells directly convert light into electricity.
- 2). The solar panels can supply power to low consumption devices such as watches, calculators, measurement units, wireless sensor, weather station ... and some more "technical" products.
- 3). Amorphous photovoltaic solar cell is very sensitive to dim light.
- 4). Solar cell with thickness of 1.1mm can be easily embedded into plastic holder.
- 5). Different shape and voltage are available.

#### Specification:

Model No.: A-23

Open Circuit Voltage (Voc): 5.0V

Operating Voltage (Vmp): 3.8V

Short Circuit Current (Isc): 33 $\mu$ A

Operating Current (Imp): 30 $\mu$ A

Dimension: 51 x 46 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