

2V 22mA Outdoor-use 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 shapes and sizes available.
- 7) Outdoor applications

Specification:

Model No.: A-08

Peak Power: 44mWatt

Open Circuit Voltage (Voc): 2.5V

Peak Voltage (Vmp): 2V

Short Circuit Current (Isc): 28mA

Peak Current (Imp): 22mA

Output Tolerance: $\pm 10\%$

Dimension: 90 x 24 x 3.2mm

Operating Temperature: -40°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 |