Description

This solar panel is made of single-crystal material that performs high solar energy transformation efficiency at 17%. It has a fine resin surface and sturdy back suitable for outdoor environments. A 2mm JST connector is attached to the panel, which makes it perfect to team up with most of our can-use-solar-power-supply boards, like Seeeduino microcontroller series, Lipo Rider charging boards series and XBee carrier WSN products series.

The typical open circuit voltage is around 5V, depending on light intensity. In those bright summer days with clear sky and big sun, the peak OC voltage can rush up to 10V. To prevent any damage to boards that accept a narrow range of input voltage, like Lipo Rider, it's recommended to check whether the OC voltage is safe before any connection.

Features

- **Dimensions:** 180x80x2.5(±0.2) mm
- **Typical voltage:** 5.5V
- **Typical current:** 360mA
- **Open-circuit voltage:** 8.2 V
- **Maximum load voltage:** 6.4V

Best-sellers

1. **LiPo Rider Pro**
2. **1W Solar Panel 80X100**
3. **3W Solar Panel 138X160**
4. **0.5W Solar Panel 55x70**

Technical Details

<table>
<thead>
<tr>
<th>Weight</th>
<th>G.W 69g</th>
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<tbody>
<tr>
<td>Battery</td>
<td>Exclude</td>
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Questions and Answers

Can't you say the part number of the 2mm connector?
Can I use this with the seeeduino stalker v2.3?

mariuspy on Oct 19, 2016

The description now says it comes with 2.0mm connectors, the photos still show 2.54mm connectors. I got mine (a while ago) with 2.54mm connectors that wouldn't fit with the LiPo Rider Pro I ordered in the same order, so it was quite annoying.

John Chan on Oct 19, 2016

Sorry that the inconvenience brought, we used 2.54mm connectors before. And recently changed to using unitive 2.0mm connectors.

Deray Wu on Oct 20, 2016 10:42 AM

GENTLEMENT: The solar panel can be placed to weather (sun and cold) for months without deterioration? The current remains the same when exposed to the elements for months?

thanksGilbertoavanxar@yahoo.com

Gilberto parra on Oct 19, 2016

yes, it should be ok for 3 years, as our supplier promised to us.

Deray Wu on Oct 20, 2016 10:42 AM