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: 160x116x2.5(±0.2) mm
- Typical voltage: 5.5V
- Typical current: 450mA
- Open-circuit voltage: 8.2 V
- Maximum load voltage: 6.4V

**Documents**
Please visit our wiki page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our forum.
Questions and Answers

Have a question about this? Ask people who own it.

0

I have been using one of these outside, in Hong Kong, for 9 months, and I get air bubbles between the cell and the coating, probably affecting its efficiency. I don’t think this is ‘robust sealing for outdoor applications’ as your wiki claims. See pict

Tom Tobback on Oct 19, 2016

0

Do you have any datasheet or its specifications

Erdem Bas on Oct 19, 2016

Dear customer, all about specification are on here or in the Wiki. Thanks.

Yuri Qiu on Oct 20, 2016 10:41 AM

View History

Analog joystick
The never_g_0ing_to_miss g...
DC Barrel Power Jack&Co...
Magnetic Door Switch

POPULAR SEARCHES

PCB Manufacturing  PCB Stencil  Arduino  XBee  Arduino Shield  Beaglebone Black  Raspberry Pi  Raspberry Pi Touchscreen  LinkIt  Cubieboard  Beaglebone Cape  FPGA  LinkIt ONE  Crazyflie 2.0  Raspberry Pi 3 Model B  RF Explorer  DSO Nano v3  MediaTek X20  Hikey Board  rplidar  raspberry pi relay  RPLIDAR A2

Seeed Info
Reach Us
Distributors
Designers
Careers
Site Map

Customer Service
Contact Us
Customer Support
Technical Support

Terms and Conditions
Order Information
Shipping Information
Payment Information
Warranty and Return
Terms of use
Privacy Policy

Stay Tuned
Subscribe to get the latest product releases, activities and tutorials from Seeed Studio.

Copyright © 2008-2017 Seeed Development Limited All rights reserved

Downloaded from Arrow.com.