



## 1.5W Solar Panel 81X137

SKU 313070002



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Description

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### 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: 137x81x2.5(±0.2) mm

Typical voltage: 5.5V

Typical current: 270mA

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](#).

### Best-sellers



### Technical Details

Weight	G.W 48g
Battery	Exclude

### Documents

- [Wiki](#)

## Questions and Answers

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

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Hello. Is it compatible with Li-po Rider? I'm confused because solar panel can produce up to 10V and Li-Po Rider expects 6.5V at maximum!

Vladislav Sergeevich Ross on Oct 19,2016

Reply |  
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Hey,you can't plug a 10v voltage input to lipo rider,but you can plug solar panel to lipo rider.Because you can't change the voltage of 10v input power,but the voltage of panel can be adjusted by lipo rider.More information you can refer to the schemat

Jacket Chen on Oct 20,2016 10:46 AM

Reply |  
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Hello.Is it truly monocrystal solar panels, or its poly?Can You give a high res photo?thanks.

on Oct 19,2016

Reply |  
upvote (0)

0

Hello, I need 120 plates, has estimated arrival?We urgently purchase.Thank you.

Luiz Henrique on Oct 19,2016

Reply |  
upvote (0)

Hi Luiz, thanks for your inquiry. we have enough stock in our warehouse. if you need, we can allocate the stock.

jaye huang on Oct 20,2016 10:44 AM

Reply |  
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Funny English: "take off paint the phenomenon, such as a hole does not allow to have the deviation". I have no idea what that could even mean originally.But the actual question I have: How thick is this? It looks thin, but can "thin" be qualified?<

Harald Kubota on Oct 19,2016

Reply |  
upvote (0)

As a local Chinese, I think the original meaning is "The painting will never fade, and joints are pretty durable." Thanks for Google translation tool and Kingsoft Power word icons on our computers. P.S: I think I benefit from these machine translat

Lit Liao on Oct 20,2016 10:41 AM

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