



# 1.5W Solar Panel 81X137

SKU 313070002

## 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

## Technical Details

Dimensions	0mm x 0mm x 0mm
Weight	G.W 48g
Battery	Exclude

## *ECCN/HTS*

ECCN	3A991.o
HSCODE	8541402000

## *Certification*

RoHS	Compliant
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