



# 2W Solar Panel 80X180

SKU 313070003



## 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( $\pm 0.2$ ) mm

Typical voltage: 5.5V

Typical current: 360mA

Open-circuit voltage: 8.2 V

Maximum load voltage: 6.4V

