

Flexible Solar Modules

Thin, Lightweight and Flexible

RITEK Flexible PV modules are the most convenient, lightweight and portable PV modules available on the market. We use unique manufacturing process to create lightweight and rollable thin film flexible PV module. We can provide and customize different flexible thin film solar modules, available in a variety of wattages, voltages and sizes. RITEK Solar flexible PV module is ideal for many portable solar applications.

Features

- Lightweight and Durable
- Thin and can be Rolled up
- Do not Splinter or Glare
- Conveniently taken along for daily commute
- Can be Customized:
The wide selection of sizes and output levels
- Can be placed on curved or uneven surfaces
- Suitable for a variety of purposes



Product Specification • Providing Customized Service

Dimension [L x W x H]	219 x 237 x 1 mm (without junction box)
Module Area	0.0519 m ²
Weight	56 g +/- 5%

Electrical Characteristics: Performance at STC*1

*STC: Standard Test Condition, 1000 W/m², AM 1.5, 25°C

Model Type	1.9 W
Peak Power Rating, Pmax	1.92 W
Peak Power Voltage, Vpm	4.68 V
Peak Power Current, Ipm	411 mA

Flexible Solar Module

A flexible Solar module is capable of powering a variety of things

Application

As opposed to conventional solar modules, which are bulky and rigid, the lightweight and thin flexible module could be easily integrated with different products.

- Portable solar lighting equipment
- Power Bank
- 3C consumer products
- Incorporated backpack and tent designs
- Designed with special functional clothes for bicycle riders, soldiers and so on
- Much more keep continuing.....



Flexible Module vs. Traditional Module

Characteristics	RITEK Solar Flexible PV Modules	Traditional PV modules
Weight	Light	Heavy
Thickness	Thin	Thick
Safety	Do not Splinter and Glare	Splinter and Glare
Application	Can fit the curved or uneven surface	Can not fit the curved or uneven surface