

 **RiTEK** solar







## About RITEK Solar

### WHAT DOES RITEK SOLAR STAND FOR?

RITEK Solar stands for worth believing Quality Reliability and Afford.

RITEK Corporation, which holds the brand "RITEK Solar", is an innovating green power and one of the world's professional photovoltaic manufacturer. Not only has been focused on the development of CIGS and crystalline solar modules, we are now expanding our product range to include solar systems and a variety of green and other related products includes off-grid small home system (SHS), LED Panel lights...etc.



As a green innovator in the photovoltaic field, we set benchmarks for efficiencies, aesthetics, and craftsmanship of solar modules. We are also harnessing that experience to provide new top-quality green applications. We see offering a complete and affordable portfolio of photovoltaic products and services under one roof. Your satisfaction is our primary objective. We keep providing our best to ensure you use green power reliably. That's our promise.





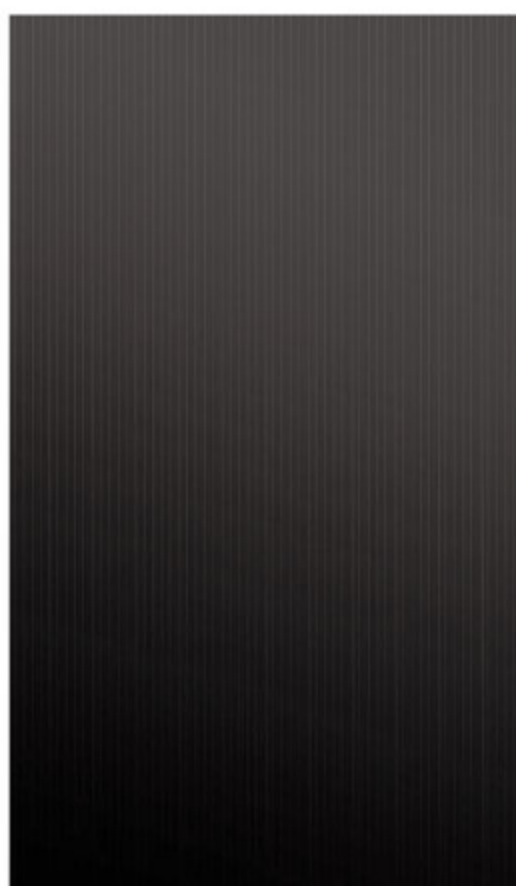


# PRODUCT OVERVIEW

## OUTSTANDING QUALITY of SOLAR MODULES

With its CIGS and crystalline modules, RITEK solar provides certified solutions for a wide range of requirements. No matter homeowners or commercial customers are all impressed by the modules' Quality, Attractive Design, and Reliable energy yields.

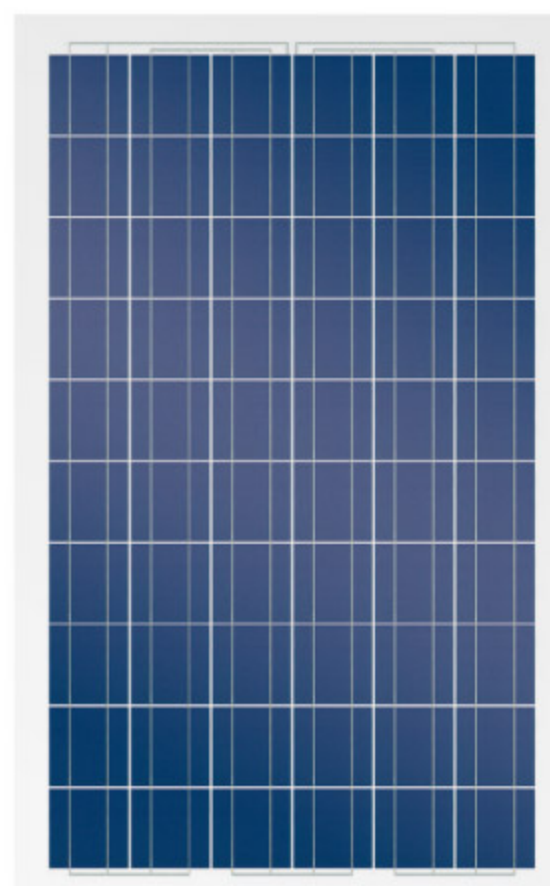
Product Group	Application				
	For Residential Roof	For Commercial and Industrial Roof	In Roof or Small Scale Solar Arrays	Large Scale Solar Arrays	Low sunlight environment
PM & MM series <b>Crystalline</b> solar modules	Excellent Performance, Reliable yields, the industry quality stanard				
TFM60 & 72 series <b>CIGS</b> solar modules	Higher light absorption efficiency and Accumulated more energy generation				Even on cloudy day or limit sunlight area, CIGS still have good performance.
PM220G & MM220G <b>BIPV</b> solar modules	Aestheticy integrate lighting designs and exterior layouts of buildings				



CIGS



c-Si



BIPV





## Our Modules

RITEK Solar produces highly efficient modules characterized by outstanding quality in the famous high tech country, Taiwan. All module components, which we purchase mainly from suppliers located in Taiwan. From the receipt of the components up to the packaging of the goods – we assure the extraordinary product quality of the modules made by Taiwan. The solar modules manufactured by RITEK Solar are subjected to rigorous testing to achieve maximum efficiencies.

## Our System

RITEK Solar provides consulting, planning, designing and constructing services to address the PV system market. Moreover, the constructed PV systems are aesthetically attractive. The high-quality solar modules manufactured by RITEK Solar are accompanied with erosion-resistant and acid-resistant mounting systems and water-proof components such as switches. We provide energy-efficient, environmental-friendly PV systems with turnkey solutions from a one-stop supplier.



- We guarantee that all the solar modules are made in Taiwan.
- Module maximum conversion efficiency > 14%
- 3BB Full Square Mono and Multicrystalline high efficiency solar modules
- Warranty of minimal power output 80% at STC for 25 years
- Tolerance of Pmax -0 / +5 %

- Compatible with all varieties of systems (small, huge, industrial or residential).
- The module integrated units can increase the energy yield and prevent mismatching losses.
- Great Power for on-grid or off-grid system.







## Proven & Certification

This is to ensure the reliability of our solar modules. With integrated design, manufacturing and sales, We has established a comprehensive system for quality control. In addition to a stringent set of quality testing procedures performed by our internal laboratory, we ensure that all of our solar products are in compliance with independent third-party testing standards, such as Germany TÜV certification, American UL certification, Astrallia CEC certification, England MCS certification and PV Cycle membership. We make sure that RITEK’s solar modules are the best and most reliable.



- Modules independently tested to ensure conformance with certification and regulatory standards.
- Manufacturing facility certified to ISO 9001 Quality Management System standards.

RITEK is the first company in Taiwan accredited with the certifications of ISO 9001 and QS9000. At present, our quality management system has been qualified with the certificate of ISO9001:2008.

## STEADY, GUARANTEED PERFORMANCE



- 10-year limited product warranty
- Warranty of minimal power output 90% at STC for 10 years
- Warranty of minimal power output 80% at STC for 25 years





## More Green Applications

### Small Home System

- For mountain, climbing, hiking, and camping
- For outlying houses that are no power supply
- For emergency power



### School Lamp

To facilitate the creation of a new life

- Light and easy to carry and can use anywhere, anytime.
- Using rechargeable batteries and solar power.
- Studying, working, and family life no longer needs to be suspended at nightfall.
- LED provides excellent brightness, no UV or thermal radiation interference.



### LED Panel Light

RITEK panel light can be recessed or hung, placed on ceilings or walls. It provides a multitude of benefits for working in studio, or anywhere in the world.

- Easily installation or replacement by users
- Super slim design, less than 10mm thickness.
- >50% power saving, over 3 times of lifetime longer than the commonly-used T8 lighting fixtures.







## Success Story

### ■ For Commercial



Taiwan 400kW



Germany 200kW



Malaysia 3.2kW

### ■ For Residential



USA 5.06kW



New Zealand 5kW



USA 44.88kW

### ■ For Strict Area



Greece 98kW



Germany 100kW



Sarawa 3kW





## RITEK Solar Worldwide

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