

2018 Top 5 Photovoltaics Modules Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/22A4787F289EN.html>

Date: June 2018

Pages: 143

Price: US\$ 4,960.00 (Single User License)

ID: 22A4787F289EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Solar Cell is a device made from crystalline silicon or thin film that converts sunlight into electricity by a process known as the photovoltaic effect. There are two key indicators for solar cells: one is cell conversion efficiency, and the other is cell thickness.

Photovoltaics Modules use light energy from the sun to generate electricity through the photovoltaic effect. The majority of modules use wafer-based crystalline silicon cells or thin-film cells based on cadmium telluride or silicon. The structural (load carrying) member of a module can either be the top layer or the back layer. Cells must also be protected from mechanical damage and moisture. Most Photovoltaics Modules are rigid, but semi-flexible ones are available, based on thin-film cells.

The Photovoltaics Modules industry is relatively concentrated, there is more than fourteen manufacturers (production 200 MW grade in 2015) in the world, and mainly come from domestic enterprises, China and etc.

All manufactures in the world are committed to the improvement of product. These two years, some of Chinese manufactures can almost catch up with the world's leading technology too. Most technologies are developed by the manufacturers instead of importing from other companies.

This industry is affected by the economy and policy, so it's important to put an eye to economic indexes and leaders' prefer. The increase of demands from Japanese customers was largely due to the attractive feed-in tariff rate in Japan. Japan is a tough market for foreign solar developers to crack but figures from the country's solar industry show cells and modules made outside Japan are making huge gains since the onset of the world's most generous FiT regime.

Over the next five years, LPI(LP Information) projects that Photovoltaics Modules will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Sharp

JA Solar

Yingli

Trina Solar

Canadian Solar

Kyocera Solar

Solar Frontier

SFCE

ReneSola

Hanwha Solar

REC Group

First Solar

SunPower

Jinko Solar

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018

(forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Single Crystal Silicon

Polycrystalline Silicon

Others

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Residential

Commercial

Ground Mount

Others

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