

# Global Solar Cells and Modules Market Survey and Trend Research 2018

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## Abstracts

### SUMMARY

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. Solar modules use light energy (photons) 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 solar modules are rigid, but semi-flexible ones are available, based on thin-film cells.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

### Industry Chain

Raw Materials

Cost

Technology

## Consumer Preference

### Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

### Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (Hanwha, First Solar, SunPower, Elkem Solar, Kyocera Solar, Kyocera Solar, Solar Frontier, Solarworld, NSP, Trina Solar, Canadian Solar, Jinko Solar, JA Solar, GCL System Integration, Yingli, Shunfeng, ReneSola, Risen, Chint Group, Hareonsolar, Eging PV, CSUN, BYD, HT-SAAE etc.):

Company Profile

Product & Service

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