

# 2017-2025 World Solar Cell (Photovoltaic) Equipment Market Research Report (by Product Type, End-User/Application and Regions/Countries)

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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 Cell (Photovoltaic) Equipment mainly refers to the solar module in photovoltaic industry. Solar module employs light energy (photons) from the sun to generate electricity through the photovoltaic effect. Most of modules use wafer-based crystalline silicon cells or thin-film cells based on cadmium telluride (CdTe) or copper indium gallium selenide (CIGS). 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 includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Solar Cell (Photovoltaic) Equipment, covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers. Solar Cell (Photovoltaic) Equipment market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

Single Crystal Silicon

Polycrystalline Silicon

Others

By End-User / Application

Residential

Commercial

Ground Station

Others

## By Company

Hanwha

First Solar

SunPower

Elkem Solar

Sharp

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

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