

# **Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Thin Film Solar Cell Equipment Market 2018, Forecast to 2023**

<https://marketpublishers.com/r/G8AF8E726D3EN.html>

Date: June 2018

Pages: 128

Price: US\$ 4,880.00 (Single User License)

ID: G8AF8E726D3EN

## **Abstracts**

Thin film solar cell equipment is a series of equipment for producing thin-film solar cells, which commonly includes Thin-film Panel Turn-key Production Line, Thin-film PVD, Thin-film PECVD, Thin-film LPCVD, Thin-film MOCVD, Laser Scribe Equipment, Thin-film Laser Etching Equipment, Ultrasonic Thin Film Cleaner, Thin Film Optical Inspection System, Thin Film Material Properties Analyzer, Thin Film Thickness Measurer, Thin Film Solar Simulator and others.

### **SCOPE OF THE REPORT:**

This report focuses on the Thin Film Solar Cell Equipment in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. As the upstream industry of thin film solar cell, the market of thin film solar cell equipment is directly affected by the market status of thin film solar cell, or the PV market. Over the past decade, the market of photovoltaic cell has experienced spring and winter, both quite harsh. The market of thin film solar cell is also a story of ups and downs, so the market of thin film solar cell equipment industry.

In summary, the market of photovoltaic cell is not stable, and the future is quite variable. But as a wonderful renewable energy technology, it will surely not disappear. As to the future of thin film solar cell, if technology on the photoelectric conversion rate and stability can break a leg, it will surely have a quite promising future. But who knows? For the manufacturers of photovoltaic cell equipment, never letting thin film solar cell equipment manufacturing become their principal business, is considered wisdom

The worldwide market for Thin Film Solar Cell Equipment is expected to grow at a

CAGR of roughly -7.1% over the next five years, will reach 260 million US\$ in 2023, from 410 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

First Solar

ULVAC

Apollo Solar

Nanowin

Veeco

XsunX

Jusung

GreenSolar

Anwell

Beiyi

STF Group

China Solar Energy

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

Market Segment by Type, covers

A-Si Technology

CdTe Technology

CIGS Technology

Market Segment by Applications, can be divided into

CdTe

CIGS

c-Si

There are 15 Chapters to deeply display the global Thin Film Solar Cell Equipment market.

Chapter 1, to describe Thin Film Solar Cell Equipment Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Thin Film Solar Cell Equipment, with sales, revenue, and price of Thin Film Solar Cell Equipment, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Thin Film Solar Cell Equipment, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

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by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Thin Film Solar Cell Equipment market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Thin Film Solar Cell Equipment sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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