

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Perovskite Solar Cells Market 2018, Forecast to 2023

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## Abstracts

A perovskite solar cell is a type of solar cell which includes a perovskite structured compound, most commonly a hybrid organic-inorganic lead or tin halide-based material, as the light-harvesting active layer. Perovskite materials such as methylammonium lead halides are cheap to produce and simple to manufacture.

### SCOPE OF THE REPORT:

This report focuses on the Perovskite Solar Cells 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. Perovskite solar cells module has obtained great attention from the research center and the conversion efficiency has increased for times science its first reported in 2009. However, there is no company that produce perovskite solar cell module in industrial scale. The commercial production may be possible around 2018. Since the anti-dumping duties occurred, the competitive status have already turned white-hot for the conventional photovoltaic industry, with the price declining, the gross profit of the whole industry is narrowing, and be unsteady to some extent. In other word, the perovskite solar cell module may have the opportunity to reintegrate photovoltaic industry and contribute to the industry without overcapacity.

The worldwide market for Perovskite Solar Cells is expected to grow at a CAGR of roughly 36.0% over the next five years, will reach 1270 million US\$ in 2023, from 270 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Oxford Photovoltaics

Saule Technologies

Dyesol

Fraunhofer ISE

FrontMaterials

Weihua Solar

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

Normal Structure

Inverted Structure

Market Segment by Applications, can be divided into

Residential Use

Commercial Use

There are 15 Chapters to deeply display the global Perovskite Solar Cells market.

Chapter 1, to describe Perovskite Solar Cells Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Perovskite Solar Cells, with sales, revenue, and price of Perovskite Solar Cells, 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 Perovskite Solar Cells, 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 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, Perovskite Solar Cells market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Perovskite Solar Cells sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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