

2018 Top 5 Perovskite Solar Cells Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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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.

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.

Over the next five years, LPI(LP Information) projects that Perovskite Solar Cells will register a 36.0% CAGR in terms of revenue, reach US\$ 1270 million by 2023, from US\$ 270 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:

Oxford Photovoltaics

Saule Technologies

Dyesol

Fraunhofer ISE

FrontMaterials

Weihua 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

Normal Structure

Inverted Structure

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

Residential Use

Commercial Use

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