

Global Perovskite Solar Cells Market Professional Survey Report 2018

<https://marketpublishers.com/r/GB16E462A6DEN.html>

Date: June 2018

Pages: 108

Price: US\$ 3,500.00 (Single User License)

ID: GB16E462A6DEN

Abstracts

This report studies the global Perovskite Solar Cells market status and forecast, categorizes the global Perovskite Solar Cells market size (value & volume) by manufacturers, type, application, and region. This report focuses on the top manufacturers in North America, Europe, Japan, China, India, Southeast Asia and other regions (Central & South America, and Middle East & Africa).

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.

The global Perovskite Solar Cells market is valued at 270 million US\$ in 2017 and will reach 2010 million US\$ by the end of 2025, growing at a CAGR of 33.0% during 2018-2025.

The major manufacturers covered in this report

Oxford Photovoltaics

Saule Technologies

Dyesol

Fraunhofer ISE

FrontMaterials

Weihua Solar

Geographically, this report studies the top producers and consumers, focuses on product capacity, production, value, consumption, market share and growth opportunity in these key regions, covering

North America

Europe

China

Japan

India

Southeast Asia

Other regions (Central & South America, Middle East & Africa)

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Central & South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Normal Structure

Inverted Structure

By Application, the market can be split into

Residential Use

Commercial Use

The study objectives of this report are:

To analyze and study the global Perovskite Solar Cells capacity, production, value, consumption, status (2013-2017) and forecast (2018-2025);

Focuses on the key Perovskite Solar Cells manufacturers, to study the capacity, production, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the

market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market.

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Perovskite Solar Cells are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

Key Stakeholders

Perovskite Solar Cells Manufacturers
Perovskite Solar Cells Distributors/Traders/Wholesalers
Perovskite Solar Cells Subcomponent Manufacturers
Industry Association
Downstream Vendors

Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Perovskite Solar Cells market, by end-use.

Detailed analysis and profiles of additional market players.

Contents

Global Perovskite Solar Cells Market Professional Survey Report 2018

1 INDUSTRY OVERVIEW OF PEROVSKITE SOLAR CELLS

1.1 Definition and Specifications of Perovskite Solar Cells

1.1.1 Definition of Perovskite Solar Cells

1.1.2 Specifications of Perovskite Solar Cells

1.2 Classification of Perovskite Solar Cells

1.2.1 Normal Structure

1.2.2 Inverted Structure

1.3 Applications of Perovskite Solar Cells

1.3.1 Residential Use

1.3.2 Commercial Use

1.4 Market Segment by Regions

1.4.1 North America

1.4.2 Europe

1.4.3 China

1.4.4 Japan

1.4.5 Southeast Asia

1.4.6 India

2 MANUFACTURING COST STRUCTURE ANALYSIS OF PEROVSKITE SOLAR CELLS

2.1 Raw Material and Suppliers

2.2 Manufacturing Cost Structure Analysis of Perovskite Solar Cells

2.3 Manufacturing Process Analysis of Perovskite Solar Cells

2.4 Industry Chain Structure of Perovskite Solar Cells

3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF PEROVSKITE SOLAR CELLS

3.1 Capacity and Commercial Production Date of Global Perovskite Solar Cells Major Manufacturers in 2017

3.2 Manufacturing Plants Distribution of Global Perovskite Solar Cells Major Manufacturers in 2017

3.3 R&D Status and Technology Source of Global Perovskite Solar Cells Major

Manufacturers in 2017

3.4 Raw Materials Sources Analysis of Global Perovskite Solar Cells Major
Manufacturers in 2017

4 GLOBAL PEROVSKITE SOLAR CELLS OVERALL MARKET OVERVIEW

4.1 2013-2018E Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2013-2018E Global Perovskite Solar Cells Capacity and Growth Rate Analysis

4.2.2 2017 Perovskite Solar Cells Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2013-2018E Global Perovskite Solar Cells Sales and Growth Rate Analysis

4.3.2 2017 Perovskite Solar Cells Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2013-2018E Global Perovskite Solar Cells Sales Price

4.4.2 2017 Perovskite Solar Cells Sales Price Analysis (Company Segment)

5 PEROVSKITE SOLAR CELLS REGIONAL MARKET ANALYSIS

5.1 North America Perovskite Solar Cells Market Analysis

5.1.1 North America Perovskite Solar Cells Market Overview

5.1.2 North America 2013-2018E Perovskite Solar Cells Local Supply, Import, Export,
Local Consumption Analysis

5.1.3 North America 2013-2018E Perovskite Solar Cells Sales Price Analysis

5.1.4 North America 2017 Perovskite Solar Cells Market Share Analysis

5.2 Europe Perovskite Solar Cells Market Analysis

5.2.1 Europe Perovskite Solar Cells Market Overview

5.2.2 Europe 2013-2018E Perovskite Solar Cells Local Supply, Import, Export, Local
Consumption Analysis

5.2.3 Europe 2013-2018E Perovskite Solar Cells Sales Price Analysis

5.2.4 Europe 2017 Perovskite Solar Cells Market Share Analysis

5.3 China Perovskite Solar Cells Market Analysis

5.3.1 China Perovskite Solar Cells Market Overview

5.3.2 China 2013-2018E Perovskite Solar Cells Local Supply, Import, Export, Local
Consumption Analysis

5.3.3 China 2013-2018E Perovskite Solar Cells Sales Price Analysis

5.3.4 China 2017 Perovskite Solar Cells Market Share Analysis

5.4 Japan Perovskite Solar Cells Market Analysis

5.4.1 Japan Perovskite Solar Cells Market Overview

5.4.2 Japan 2013-2018E Perovskite Solar Cells Local Supply, Import, Export, Local Consumption Analysis

5.4.3 Japan 2013-2018E Perovskite Solar Cells Sales Price Analysis

5.4.4 Japan 2017 Perovskite Solar Cells Market Share Analysis

5.5 Southeast Asia Perovskite Solar Cells Market Analysis

5.5.1 Southeast Asia Perovskite Solar Cells Market Overview

5.5.2 Southeast Asia 2013-2018E Perovskite Solar Cells Local Supply, Import, Export, Local Consumption Analysis

5.5.3 Southeast Asia 2013-2018E Perovskite Solar Cells Sales Price Analysis

5.5.4 Southeast Asia 2017 Perovskite Solar Cells Market Share Analysis

5.6 India Perovskite Solar Cells Market Analysis

5.6.1 India Perovskite Solar Cells Market Overview

5.6.2 India 2013-2018E Perovskite Solar Cells Local Supply, Import, Export, Local Consumption Analysis

5.6.3 India 2013-2018E Perovskite Solar Cells Sales Price Analysis

5.6.4 India 2017 Perovskite Solar Cells Market Share Analysis

6 GLOBAL 2013-2018E PEROVSKITE SOLAR CELLS SEGMENT MARKET ANALYSIS (BY TYPE)

6.1 Global 2013-2018E Perovskite Solar Cells Sales by Type

6.2 Different Types of Perovskite Solar Cells Product Interview Price Analysis

6.3 Different Types of Perovskite Solar Cells Product Driving Factors Analysis

6.3.1 Normal Structure Growth Driving Factor Analysis

6.3.2 Inverted Structure Growth Driving Factor Analysis

7 GLOBAL 2013-2018E PEROVSKITE SOLAR CELLS SEGMENT MARKET ANALYSIS (BY APPLICATION)

7.1 Global 2013-2018E Perovskite Solar Cells Consumption by Application

7.2 Different Application of Perovskite Solar Cells Product Interview Price Analysis

7.3 Different Application of Perovskite Solar Cells Product Driving Factors Analysis

7.3.1 Residential Use of Perovskite Solar Cells Growth Driving Factor Analysis

7.3.2 Commercial Use of Perovskite Solar Cells Growth Driving Factor Analysis

8 MAJOR MANUFACTURERS ANALYSIS OF PEROVSKITE SOLAR CELLS

8.1 Oxford Photovoltaics

8.1.1 Company Profile

- 8.1.2 Product Picture and Specifications
 - 8.1.2.1 Product A
 - 8.1.2.2 Product B
- 8.1.3 Oxford Photovoltaics 2017 Perovskite Solar Cells Sales, Ex-factory Price, Revenue, Gross Margin Analysis
- 8.1.4 Oxford Photovoltaics 2017 Perovskite Solar Cells Business Region Distribution Analysis
- 8.2 Saule Technologies
 - 8.2.1 Company Profile
 - 8.2.2 Product Picture and Specifications
 - 8.2.2.1 Product A
 - 8.2.2.2 Product B
 - 8.2.3 Saule Technologies 2017 Perovskite Solar Cells Sales, Ex-factory Price, Revenue, Gross Margin Analysis
 - 8.2.4 Saule Technologies 2017 Perovskite Solar Cells Business Region Distribution Analysis
- 8.3 Dyesol
 - 8.3.1 Company Profile
 - 8.3.2 Product Picture and Specifications
 - 8.3.2.1 Product A
 - 8.3.2.2 Product B
 - 8.3.3 Dyesol 2017 Perovskite Solar Cells Sales, Ex-factory Price, Revenue, Gross Margin Analysis
 - 8.3.4 Dyesol 2017 Perovskite Solar Cells Business Region Distribution Analysis
- 8.4 Fraunhofer ISE
 - 8.4.1 Company Profile
 - 8.4.2 Product Picture and Specifications
 - 8.4.2.1 Product A
 - 8.4.2.2 Product B
 - 8.4.3 Fraunhofer ISE 2017 Perovskite Solar Cells Sales, Ex-factory Price, Revenue, Gross Margin Analysis
 - 8.4.4 Fraunhofer ISE 2017 Perovskite Solar Cells Business Region Distribution Analysis
- 8.5 FrontMaterials
 - 8.5.1 Company Profile
 - 8.5.2 Product Picture and Specifications
 - 8.5.2.1 Product A
 - 8.5.2.2 Product B
 - 8.5.3 FrontMaterials 2017 Perovskite Solar Cells Sales, Ex-factory Price, Revenue,

Gross Margin Analysis

8.5.4 FrontMaterials 2017 Perovskite Solar Cells Business Region Distribution Analysis

8.6 Weihua Solar

8.6.1 Company Profile

8.6.2 Product Picture and Specifications

8.6.2.1 Product A

8.6.2.2 Product B

8.6.3 Weihua Solar 2017 Perovskite Solar Cells Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.6.4 Weihua Solar 2017 Perovskite Solar Cells Business Region Distribution Analysis

9 DEVELOPMENT TREND OF ANALYSIS OF PEROVSKITE SOLAR CELLS MARKET

9.1 Global Perovskite Solar Cells Market Trend Analysis

9.1.1 Global 2018-2025 Perovskite Solar Cells Market Size (Volume and Value) Forecast

9.1.2 Global 2018-2025 Perovskite Solar Cells Sales Price Forecast

9.2 Perovskite Solar Cells Regional Market Trend

9.2.1 North America 2018-2025 Perovskite Solar Cells Consumption Forecast

9.2.2 Europe 2018-2025 Perovskite Solar Cells Consumption Forecast

9.2.3 China 2018-2025 Perovskite Solar Cells Consumption Forecast

9.2.4 Japan 2018-2025 Perovskite Solar Cells Consumption Forecast

9.2.5 Southeast Asia 2018-2025 Perovskite Solar Cells Consumption Forecast

9.2.6 India 2018-2025 Perovskite Solar Cells Consumption Forecast

9.3 Perovskite Solar Cells Market Trend (Product Type)

9.4 Perovskite Solar Cells Market Trend (Application)

10 PEROVSKITE SOLAR CELLS MARKETING TYPE ANALYSIS

10.1 Perovskite Solar Cells Regional Marketing Type Analysis

10.2 Perovskite Solar Cells International Trade Type Analysis

10.3 Traders or Distributors with Contact Information of Perovskite Solar Cells by Region

10.4 Perovskite Solar Cells Supply Chain Analysis

11 CONSUMERS ANALYSIS OF PEROVSKITE SOLAR CELLS

- 11.1 Consumer 1 Analysis
- 11.2 Consumer 2 Analysis
- 11.3 Consumer 3 Analysis
- 11.4 Consumer 4 Analysis

12 CONCLUSION OF THE GLOBAL PEROVSKITE SOLAR CELLS MARKET PROFESSIONAL SURVEY REPORT 2017

Methodology
Analyst Introduction
Data Source

The report requires updating with new data and is sent in 2-3 business days after order is placed.

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Perovskite Solar Cells

Table Product Specifications of Perovskite Solar Cells

Table Classification of Perovskite Solar Cells

Figure Global Production Market Share of Perovskite Solar Cells by Type in 2017

Figure Normal Structure Picture

Table Major Manufacturers of Normal Structure

Figure Inverted Structure Picture

Table Major Manufacturers of Inverted Structure

Table Applications of Perovskite Solar Cells

Figure Global Consumption Volume Market Share of Perovskite Solar Cells by Application in 2017

Figure Residential Use Examples

Table Major Consumers in Residential Use

Figure Commercial Use Examples

Table Major Consumers in Commercial Use

Figure Market Share of Perovskite Solar Cells by Regions

Figure North America Perovskite Solar Cells Market Size (Million USD) (2013-2025)

Figure Europe Perovskite Solar Cells Market Size (Million USD) (2013-2025)

Figure China Perovskite Solar Cells Market Size (Million USD) (2013-2025)

Figure Japan Perovskite Solar Cells Market Size (Million USD) (2013-2025)

Figure Southeast Asia Perovskite Solar Cells Market Size (Million USD) (2013-2025)

Figure India Perovskite Solar Cells Market Size (Million USD) (2013-2025)

Table Perovskite Solar Cells Raw Material and Suppliers

Table Manufacturing Cost Structure Analysis of Perovskite Solar Cells in 2017

Figure Manufacturing Process Analysis of Perovskite Solar Cells

Figure Industry Chain Structure of Perovskite Solar Cells

Table Capacity and Commercial Production Date of Global Perovskite Solar Cells Major Manufacturers in 2017

Table Manufacturing Plants Distribution of Global Perovskite Solar Cells Major Manufacturers in 2017

Table R&D Status and Technology Source of Global Perovskite Solar Cells Major Manufacturers in 2017

Table Raw Materials Sources Analysis of Global Perovskite Solar Cells Major Manufacturers in 2017

Table Global Capacity, Sales, Price, Cost, Sales Revenue (M USD) and Gross Margin

of Perovskite Solar Cells 2013-2018E

Figure Global 2013-2018E Perovskite Solar Cells Market Size (Volume) and Growth Rate

Figure Global 2013-2018E Perovskite Solar Cells Market Size (Value) and Growth Rate

Table 2013-2018E Global Perovskite Solar Cells Capacity and Growth Rate

Table 2017 Global Perovskite Solar Cells Capacity (MW) List (Company Segment)

Table 2013-2018E Global Perovskite Solar Cells Sales (MW) and Growth Rate

Table 2017 Global Perovskite Solar Cells Sales (MW) List (Company Segment)

Table 2013-2018E Global Perovskite Solar Cells Sales Price (USD/KW)

Table 2017 Global Perovskite Solar Cells Sales Price (USD/KW) List (Company Segment)

Figure North America Capacity Overview

Table North America Supply, Import, Export and Consumption (MW) of Perovskite Solar Cells 2013-2018E

Figure North America 2013-2018E Perovskite Solar Cells Sales Price (USD/KW)

Figure North America 2017 Perovskite Solar Cells Sales Market Share

Figure Europe Capacity Overview

Table Europe Supply, Import, Export and Consumption (MW) of Perovskite Solar Cells 2013-2018E

Figure Europe 2013-2018E Perovskite Solar Cells Sales Price (USD/KW)

Figure Europe 2017 Perovskite Solar Cells Sales Market Share

Figure China Capacity Overview

Table China Supply, Import, Export and Consumption (MW) of Perovskite Solar Cells 2013-2018E

Figure China 2013-2018E Perovskite Solar Cells Sales Price (USD/KW)

Figure China 2017 Perovskite Solar Cells Sales Market Share

Figure Japan Capacity Overview

Table Japan Supply, Import, Export and Consumption (MW) of Perovskite Solar Cells 2013-2018E

Figure Japan 2013-2018E Perovskite Solar Cells Sales Price (USD/KW)

Figure Japan 2017 Perovskite Solar Cells Sales Market Share

Figure Southeast Asia Capacity Overview

Table Southeast Asia Supply, Import, Export and Consumption (MW) of Perovskite Solar Cells 2013-2018E

Figure Southeast Asia 2013-2018E Perovskite Solar Cells Sales Price (USD/KW)

Figure Southeast Asia 2017 Perovskite Solar Cells Sales Market Share

Figure India Capacity Overview

Table India Supply, Import, Export and Consumption (MW) of Perovskite Solar Cells 2013-2018E

Figure India 2013-2018E Perovskite Solar Cells Sales Price (USD/KW)

Figure India 2017 Perovskite Solar Cells Sales Market Share

Table Global 2013-2018E Perovskite Solar Cells Sales (MW) by Type

Table Different Types Perovskite Solar Cells Product Interview Price

Table Global 2013-2018E Perovskite Solar Cells Sales (MW) by Application

Table Different Application Perovskite Solar Cells Product Interview Price

Table Oxford Photovoltaics Information List

Table Product Overview

Table 2017 Oxford Photovoltaics Perovskite Solar Cells Revenue (Million USD), Sales (MW), Ex-factory Price (USD/KW)

Figure 2017 Oxford Photovoltaics Perovskite Solar Cells Business Region Distribution

Table Saule Technologies Information List

Table Product Overview

Table 2017 Saule Technologies Perovskite Solar Cells Revenue (Million USD), Sales (MW), Ex-factory Price (USD/KW)

Figure 2017 Saule Technologies Perovskite Solar Cells Business Region Distribution

Table Dyesol Information List

Table Product Overview

Table 2017 Dyesol Perovskite Solar Cells Revenue (Million USD), Sales (MW), Ex-factory Price (USD/KW)

Figure 2017 Dyesol Perovskite Solar Cells Business Region Distribution

Table Fraunhofer ISE Information List

Table Product Overview

Table 2017 Fraunhofer ISE Perovskite Solar Cells Revenue (Million USD), Sales (MW), Ex-factory Price (USD/KW)

Figure 2017 Fraunhofer ISE Perovskite Solar Cells Business Region Distribution

Table FrontMaterials Information List

Table Product Overview

Table 2017 FrontMaterials Perovskite Solar Cells Revenue (Million USD), Sales (MW), Ex-factory Price (USD/KW)

Figure 2017 FrontMaterials Perovskite Solar Cells Business Region Distribution

Table Weihua Solar Information List

Table Product Overview

Table 2017 Weihua Solar Perovskite Solar Cells Revenue (Million USD), Sales (MW), Ex-factory Price (USD/KW)

Figure 2017 Weihua Solar Perovskite Solar Cells Business Region Distribution

Figure Global 2018-2025 Perovskite Solar Cells Market Size (MW) and Growth Rate Forecast

Figure Global 2018-2025 Perovskite Solar Cells Market Size (Million USD) and Growth

Rate Forecast

Figure Global 2018-2025 Perovskite Solar Cells Sales Price (USD/KW) Forecast

Figure North America 2018-2025 Perovskite Solar Cells Consumption Volume (MW) and Growth Rate Forecast

Figure China 2018-2025 Perovskite Solar Cells Consumption Volume (MW) and Growth Rate Forecast

Figure Europe 2018-2025 Perovskite Solar Cells Consumption Volume (MW) and Growth Rate Forecast

Figure Southeast Asia 2018-2025 Perovskite Solar Cells Consumption Volume (MW) and Growth Rate Forecast

Figure Japan 2018-2025 Perovskite Solar Cells Consumption Volume (MW) and Growth Rate Forecast

Figure India 2018-2025 Perovskite Solar Cells Consumption Volume (MW) and Growth Rate Forecast

Table Global Sales Volume (MW) of Perovskite Solar Cells by Type 2018-2025

Table Global Consumption Volume (MW) of Perovskite Solar Cells by Application 2018-2025

Table Traders or Distributors with Contact Information of Perovskite Solar Cells by Region

I would like to order

Product name: Global Perovskite Solar Cells Market Professional Survey Report 2018

Product link: <https://marketpublishers.com/r/GB16E462A6DEN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB16E462A6DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970