

# Global Perovskite Solar Cells Sales Market Report Forecast 2017 to 2022

<https://marketpublishers.com/r/G9717AE02AFEN.html>

Date: December 2017

Pages: 105

Price: US\$ 3,040.00 (Single User License)

ID: G9717AE02AFEN

## Abstracts

Delivery of the Report will take 2-3 working days once order is placed.

The report offers a comprehensive evaluation of the market. It does so via in-depth insights, understanding market evolution by tracking historical developments, and analyzing the present scenario and future projections based on optimistic and likely scenarios. Each research report serves as a repository of analysis and information for every facet of the market, including but not limited to: Regional markets, technology developments, types, applications, and the competitive landscape.

The study is a source of reliable data on:

Key market segments and sub-segments

Evolving market trends and dynamics

Changing supply and demand scenarios

Quantifying market opportunities through market sizing and market forecasting

Tracking current trends/opportunities/challenges

Competitive insights

Opportunity mapping in terms of technological breakthroughs

This research report analyzes this market on the basis of its market segments, major geographies, and current market trends. Geographies analyzed under this research report include:

United States

China

Europe

Japan

The Major players reported in the market include:

Crystalsol (CZTS)

CSIRO

Dyesol

Fraunhofer ISE

FrontMaterials

G24 Power

Oxford Photovoltaics

Saule Technologies

Technical Research Centre of Finland (VTT)

Product Segment Analysis

Normal Structure

Inverted Structure

Type 3

Application Segment Analysis

Residential Use

Commercial Use

Application 3

Reasons for Buying this Report

This report provides pin-point analysis for changing competitive dynamics

It provides a forward looking perspective on different factors driving or restraining market growth

It provides a six-year forecast assessed on the basis of how the market is predicted to grow

It helps in understanding the key product segments and their future

It provides pin point analysis of changing competition dynamics and keeps you ahead of competitors

It helps in making informed business decisions by having complete insights of market and by making in-depth analysis of market segments

It provides distinctive graphics and exemplified analysis of major market segments

## Contents

### **1 PEROVSKITE SOLAR CELLS MARKET OVERVIEW**

- 1.1 Product Overview and Scope of Perovskite Solar Cells
- 1.2 Classification of Perovskite Solar Cells
  - 1.2.1 Normal Structure
  - 1.2.2 Inverted Structure
  - 1.2.3 Type
- 1.3 Application of Perovskite Solar Cells
  - 1.3.2 Residential Use
  - 1.3.3 Commercial Use
  - 1.3.4 Application
- 1.4 Perovskite Solar Cells Market States Status and Prospect (2012-2022) by Regions
  - 1.4.1 United States
  - 1.4.2 China
  - 1.4.3 Europe
  - 1.4.4 Japan
- 1.5 Global Market Size of Perovskite Solar Cells (2012-2022)
  - 1.5.1 Global Perovskite Solar Cells Sales and Growth Rate (2012-2022)
  - 1.5.2 Global Perovskite Solar Cells Revenue and Growth Rate (2012-2022)

### **2 GLOBAL ECONOMIC IMPACT ON PEROVSKITE SOLAR CELLS INDUSTRY**

- 2.1 Global Macroeconomic Environment Analysis
  - 2.1.1 Global Macroeconomic Analysis
  - 2.1.2 Global Macroeconomic Environment Development Trend
- 2.2 Global Macroeconomic Environment Analysis by Regions

### **3 PEROVSKITE SOLAR CELLS MANUFACTURING COST ANALYSIS**

- 3.1 Perovskite Solar Cells Key Raw Materials Analysis
  - 3.1.1 Key Raw Materials
  - 3.1.2 Price Trend of Key Raw Materials
  - 3.1.3 Key Suppliers of Raw Materials
  - 3.1.4 Market Concentration Rate of Raw Materials
- 3.2 Proportion of Manufacturing Cost Structure
  - 3.2.1 Raw Materials
  - 3.2.2 Labor Cost

### 3.2.3 Manufacturing Process Analysis of Perovskite Solar Cells

## **4 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

### 4.1 Perovskite Solar Cells Industrial Chain Analysis

### 4.2 Upstream Raw Materials Sourcing

### 4.3 Raw Materials Sources of Perovskite Solar Cells Major Manufacturers in 2016

### 4.4 Downstream Buyers

## **5 GLOBAL PEROVSKITE SOLAR CELLS COMPETITION BY MANUFACTURERS, TYPE AND APPLICATION**

### 5.1 Global Perovskite Solar Cells Market Competition by Manufacturers

#### 5.1.1 Global Perovskite Solar Cells Sales and Market Share of Key Manufacturers (2012-2017)

#### 5.1.2 Global Perovskite Solar Cells Revenue and Share by Manufacturers (2012-2017)

### 5.2 Global Perovskite Solar Cells (Volume and Value) by Type

#### 5.2.1 Global Perovskite Solar Cells Sales and Market Share by Type (2012-2017)

#### 5.2.2 Global Perovskite Solar Cells Revenue and Market Share by Type (2012-2017)

### 5.3 Global Perovskite Solar Cells (Volume and Value) by Regions

#### 5.3.1 Global Perovskite Solar Cells Sales and Market Share by Regions (2012-2017)

#### 5.3.2 Global Perovskite Solar Cells Revenue and Market Share by Regions (2012-2017)

### 5.4 Global Perovskite Solar Cells (Volume) by Application

## **6 UNITED STATES PEROVSKITE SOLAR CELLS (VOLUME, VALUE AND SALES PRICE)**

### 6.1 United States Perovskite Solar Cells Sales and Value (2012-2017)

#### 6.1.1 United States Perovskite Solar Cells Sales and Growth Rate (2012-2017)

#### 6.1.2 United States Perovskite Solar Cells Revenue and Growth Rate (2012-2017)

#### 6.1.3 United States Perovskite Solar Cells Sales Price Trend (2012-2017)

### 6.2 United States Perovskite Solar Cells Sales and Market Share by Manufacturers

### 6.3 United States Perovskite Solar Cells Sales and Market Share by Type

### 6.4 United States Perovskite Solar Cells Sales and Market Share by Application

## **7 CHINA PEROVSKITE SOLAR CELLS (VOLUME, VALUE AND SALES PRICE)**

### 7.1 China Perovskite Solar Cells Sales and Value (2012-2017)

- 7.1.1 China Perovskite Solar Cells Sales and Growth Rate (2012-2017)
- 7.1.2 China Perovskite Solar Cells Revenue and Growth Rate (2012-2017)
- 7.1.3 China Perovskite Solar Cells Sales Price Trend (2012-2017)
- 7.2 China Perovskite Solar Cells Sales and Market Share by Manufacturers
- 7.3 China Perovskite Solar Cells Sales and Market Share by Type
- 7.4 China Perovskite Solar Cells Sales and Market Share by Application

## **8 EUROPE PEROVSKITE SOLAR CELLS (VOLUME, VALUE AND SALES PRICE)**

- 8.1 Europe Perovskite Solar Cells Sales and Value (2012-2017)
  - 8.1.1 Europe Perovskite Solar Cells Sales and Growth Rate (2012-2017)
  - 8.1.2 Europe Perovskite Solar Cells Revenue and Growth Rate (2012-2017)
  - 8.1.3 Europe Perovskite Solar Cells Sales Price Trend (2012-2017)
- 8.2 Europe Perovskite Solar Cells Sales and Market Share by Manufacturers
- 8.3 Europe Perovskite Solar Cells Sales and Market Share by Type
- 8.4 Europe Perovskite Solar Cells Sales and Market Share by Application

## **9 JAPAN PEROVSKITE SOLAR CELLS (VOLUME, VALUE AND SALES PRICE)**

- 9.1 Japan Perovskite Solar Cells Sales and Value (2012-2017)
  - 9.1.1 Japan Perovskite Solar Cells Sales and Growth Rate (2012-2017)
  - 9.1.2 Japan Perovskite Solar Cells Revenue and Growth Rate (2012-2017)
  - 9.1.3 Japan Perovskite Solar Cells Sales Price Trend (2012-2017)
- 9.2 Japan Perovskite Solar Cells Sales and Market Share by Manufacturers
- 9.3 Japan Perovskite Solar Cells Sales and Market Share by Type
- 9.4 Japan Perovskite Solar Cells Sales and Market Share by Application

## **10 GLOBAL PEROVSKITE SOLAR CELLS MANUFACTURERS ANALYSIS**

- 10.1 Crystalsol (CZTS)
  - 10.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 10.1.2 Product Type, Application and Specification
  - 10.1.3 Sales, Revenue, Price and Gross Margin (2012-2017)
  - 10.1.4 Business Overview
- 10.2 CSIRO
  - 10.2.1 Company Basic Information, Manufacturing Base and Competitors
  - 10.2.2 Product Type, Application and Specification
  - 10.2.3 Sales, Revenue, Price and Gross Margin (2012-2017)
  - 10.2.4 Business Overview

### 10.3 Dyesol

10.3.1 Company Basic Information, Manufacturing Base and Competitors

10.3.2 Product Type, Application and Specification

10.3.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.3.4 Business Overview

### 10.4 Fraunhofer ISE

10.4.1 Company Basic Information, Manufacturing Base and Competitors

10.4.2 Product Type, Application and Specification

10.4.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.4.4 Business Overview

### 10.5 FrontMaterials

10.5.1 Company Basic Information, Manufacturing Base and Competitors

10.5.2 Product Type, Application and Specification

10.5.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.5.4 Business Overview

### 10.6 G24 Power

10.6.1 Company Basic Information, Manufacturing Base and Competitors

10.6.2 Product Type, Application and Specification

10.6.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.6.4 Business Overview

### 10.7 Oxford Photovoltaics

10.7.1 Company Basic Information, Manufacturing Base and Competitors

10.7.2 Product Type, Application and Specification

10.7.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.7.4 Business Overview

### 10.8 Saule Technologies

10.8.1 Company Basic Information, Manufacturing Base and Competitors

10.8.2 Product Type, Application and Specification

10.8.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.8.4 Business Overview

### 10.9 Technical Research Centre of Finland (VTT)

10.9.1 Company Basic Information, Manufacturing Base and Competitors

10.9.2 Product Type, Application and Specification

10.9.3 Sales, Revenue, Price and Gross Margin (2012-2017)

10.9.4 Business Overview

...

## **11 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 11.1 Marketing Channel
  - 11.1.1 Direct Marketing
  - 11.1.2 Indirect Marketing
  - 11.1.3 Marketing Channel Development Trend
- 11.2 Market Positioning
  - 11.2.1 Pricing Strategy
  - 11.2.2 Brand Strategy
  - 11.2.3 Target Client
- 11.3 Distributors/Traders List

## **12 MARKET EFFECT FACTORS ANALYSIS**

- 12.1 Technology Progress/Risk
  - 12.1.1 Substitutes Threat
  - 12.1.2 Technology Progress in Related Industry
- 12.2 Consumer Needs/Customer Preference Change
- 12.3 Economic/Political Environmental Change

## **13 GLOBAL PEROVSKITE SOLAR CELLS MARKET FORECAST (2017-2022)**

- 13.1 Global Perovskite Solar Cells Sales, Revenue Forecast (2017-2022)
- 13.2 Global Perovskite Solar Cells Sales Forecast by Regions (2017-2022)
- 13.3 Global Perovskite Solar Cells Sales Forecast by Type (2017-2022)
- 13.4 Global Perovskite Solar Cells Sales Forecast by Application (2017-2022)

## **14 APPENDIX**



## List Of Tables

### LIST OF TABLES AND FIGURES

#### FIGURE PICTURE OF PEROVSKITE SOLAR CELLS

Table Classification of Perovskite Solar Cells

Figure Global Sales Market Share of Perovskite Solar Cells by Type in 2016

Table Applications of Perovskite Solar Cells

Figure Global Sales Market Share of Perovskite Solar Cells by Application in 2016

Figure United States Perovskite Solar Cells Revenue and Growth Rate (2012-2022)

Figure China Perovskite Solar Cells Revenue and Growth Rate (2012-2022)

Figure Europe Perovskite Solar Cells Revenue and Growth Rate (2012-2022)

Figure Japan Perovskite Solar Cells Revenue and Growth Rate (2012-2022)

Figure Global Perovskite Solar Cells Sales and Growth Rate (2012-2022)

Figure Global Perovskite Solar Cells Revenue and Growth Rate (2012-2022)

Table Global Perovskite Solar Cells Sales of Key Manufacturers (2012-2017)

Table Global Perovskite Solar Cells Sales Share by Manufacturers (2012-2017)

Figure 2015 Perovskite Solar Cells Sales Share by Manufacturers

Figure 2016 Perovskite Solar Cells Sales Share by Manufacturers

Table Global Perovskite Solar Cells Revenue by Manufacturers (2012-2017)

Table Global Perovskite Solar Cells Revenue Share by Manufacturers (2012-2017)

Table 2015 Global Perovskite Solar Cells Revenue Share by Manufacturers

Table 2016 Global Perovskite Solar Cells Revenue Share by Manufacturers

Table Global Perovskite Solar Cells Sales and Market Share by Type (2012-2017)

Table Global Perovskite Solar Cells Sales Share by Type (2012-2017)

Figure Sales Market Share of Perovskite Solar Cells by Type (2012-2017)

Figure Global Perovskite Solar Cells Sales Growth Rate by Type (2012-2017)

Table Global Perovskite Solar Cells Revenue and Market Share by Type (2012-2017)

Table Global Perovskite Solar Cells Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Perovskite Solar Cells by Type (2012-2017)

Figure Global Perovskite Solar Cells Revenue Growth Rate by Type (2012-2017)

Table Global Perovskite Solar Cells Sales and Market Share by Regions (2012-2017)

Table Global Perovskite Solar Cells Sales Share by Regions (2012-2017)

Figure Sales Market Share of Perovskite Solar Cells by Regions (2012-2017)

Figure Global Perovskite Solar Cells Sales Growth Rate by Regions (2012-2017)

Table Global Perovskite Solar Cells Revenue and Market Share by Regions (2012-2017)

Table Global Perovskite Solar Cells Revenue Share by Regions (2012-2017)

Figure Revenue Market Share of Perovskite Solar Cells by Regions (2012-2017)  
Figure Global Perovskite Solar Cells Revenue Growth Rate by Regions (2012-2017)  
Table Global Perovskite Solar Cells Sales and Market Share by Application (2012-2017)  
Table Global Perovskite Solar Cells Sales Share by Application (2012-2017)  
Figure Sales Market Share of Perovskite Solar Cells by Application (2012-2017)  
Figure Global Perovskite Solar Cells Sales Growth Rate by Application (2012-2017)  
Figure United States Perovskite Solar Cells Sales and Growth Rate (2012-2017)  
Figure United States Perovskite Solar Cells Revenue and Growth Rate (2012-2017)  
Figure United States Perovskite Solar Cells Sales Price Trend (2012-2017)  
Table United States Perovskite Solar Cells Sales by Manufacturers (2012-2017)  
Table United States Perovskite Solar Cells Market Share by Manufacturers (2012-2017)  
Table United States Perovskite Solar Cells Sales by Type (2012-2017)  
Table United States Perovskite Solar Cells Market Share by Type (2012-2017)  
Table United States Perovskite Solar Cells Sales by Application (2012-2017)  
Table United States Perovskite Solar Cells Market Share by Application (2012-2017)  
Figure China Perovskite Solar Cells Sales and Growth Rate (2012-2017)  
Figure China Perovskite Solar Cells Revenue and Growth Rate (2012-2017)  
Figure China Perovskite Solar Cells Sales Price Trend (2012-2017)  
Table China Perovskite Solar Cells Sales by Manufacturers (2012-2017)  
Table China Perovskite Solar Cells Market Share by Manufacturers (2012-2017)  
Table China Perovskite Solar Cells Sales by Type (2012-2017)  
Table China Perovskite Solar Cells Market Share by Type (2012-2017)  
Table China Perovskite Solar Cells Sales by Application (2012-2017)  
Table China Perovskite Solar Cells Market Share by Application (2012-2017)  
Figure Europe Perovskite Solar Cells Sales and Growth Rate (2012-2017)  
Figure Europe Perovskite Solar Cells Revenue and Growth Rate (2012-2017)  
Figure Europe Perovskite Solar Cells Sales Price Trend (2012-2017)  
Table Europe Perovskite Solar Cells Sales by Manufacturers (2012-2017)  
Table Europe Perovskite Solar Cells Market Share by Manufacturers (2012-2017)  
Table Europe Perovskite Solar Cells Sales by Type (2012-2017)  
Table Europe Perovskite Solar Cells Market Share by Type (2012-2017)  
Table Europe Perovskite Solar Cells Sales by Application (2012-2017)  
Table Europe Perovskite Solar Cells Market Share by Application (2012-2017)  
Figure Japan Perovskite Solar Cells Sales and Growth Rate (2012-2017)  
Figure Japan Perovskite Solar Cells Revenue and Growth Rate (2012-2017)  
Figure Japan Perovskite Solar Cells Sales Price Trend (2012-2017)  
Table Japan Perovskite Solar Cells Sales by Manufacturers (2012-2017)  
Table Japan Perovskite Solar Cells Market Share by Manufacturers (2012-2017)  
Table Japan Perovskite Solar Cells Sales by Type (2012-2017)

Table Japan Perovskite Solar Cells Market Share by Type (2012-2017)  
Table Japan Perovskite Solar Cells Sales by Application (2012-2017)  
Table Japan Perovskite Solar Cells Market Share by Application (2012-2017)  
Table Crystalsol (CZTS) Basic Information List  
Table Crystalsol (CZTS) Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Crystalsol (CZTS) Perovskite Solar Cells Global Market Share (2012-2017)  
Table CSIRO Basic Information List  
Table CSIRO Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure CSIRO Perovskite Solar Cells Global Market Share (2012-2017)  
Table Dyesol Basic Information List  
Table Dyesol Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Dyesol Perovskite Solar Cells Global Market Share (2012-2017)  
Table Fraunhofer ISE Basic Information List  
Table Fraunhofer ISE Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Fraunhofer ISE Perovskite Solar Cells Global Market Share (2012-2017)  
Table FrontMaterials Basic Information List  
Table FrontMaterials Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure FrontMaterials Perovskite Solar Cells Global Market Share (2012-2017)  
Table G24 Power Basic Information List  
Table G24 Power Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure G24 Power Perovskite Solar Cells Global Market Share (2012-2017)  
Table Oxford Photovoltaics Basic Information List  
Table Oxford Photovoltaics Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Oxford Photovoltaics Perovskite Solar Cells Global Market Share (2012-2017)  
Table Saule Technologies Basic Information List  
Table Saule Technologies Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Saule Technologies Perovskite Solar Cells Global Market Share (2012-2017)  
Table Technical Research Centre of Finland (VTT) Basic Information List  
Table Technical Research Centre of Finland (VTT) Perovskite Solar Cells Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Technical Research Centre of Finland (VTT) Perovskite Solar Cells Global

Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Perovskite Solar Cells

Figure Manufacturing Process Analysis of Perovskite Solar Cells

Figure Perovskite Solar Cells Industrial Chain Analysis

Table Raw Materials Sources of Perovskite Solar Cells Major Manufacturers in 2016

Table Major Buyers of Perovskite Solar Cells

Table Distributors/Traders List

Figure Global Perovskite Solar Cells Sales and Growth Rate Forecast (2017-2022)

Figure Global Perovskite Solar Cells Revenue and Growth Rate Forecast (2017-2022)

Table Global Perovskite Solar Cells Sales Forecast by Regions (2017-2022)

Table Global Perovskite Solar Cells Sales Forecast by Type (2017-2022)

Table Global Perovskite Solar Cells Sales Forecast by Application (2017-2022)

## I would like to order

Product name: Global Perovskite Solar Cells Sales Market Report Forecast 2017 to 2022

Product link: <https://marketpublishers.com/r/G9717AE02AFEN.html>

Price: US\$ 3,040.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9717AE02AFEN.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