

# EMEA (Europe, Middle East and Africa) Perovskite Photovoltaics Market Report 2017

https://marketpublishers.com/r/EE4E6373537EN.html

Date: December 2017

Pages: 117

Price: US\$ 4,000.00 (Single User License)

ID: EE4E6373537EN

# **Abstracts**

In this report, the EMEA Perovskite Photovoltaics market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split EMEA into Europe, the Middle East and Africa, With sales (MW), revenue (Million USD), market share and growth rate of Perovskite Photovoltaics for these regions, from 2012 to 2022 (forecast)

Europe: Germany, France, UK, Russia, Italy and Benelux;

Middle East: Saudi Arabia, Israel, UAE and Iran;

Africa: South Africa, Nigeria, Egypt and Algeria.

EMEA Perovskite Photovoltaics market competition by top manufacturers/players, with Perovskite Photovoltaics sales volume (MW), price (USD/KW), revenue (Million USD) and market share for each manufacturer/player; the top players including

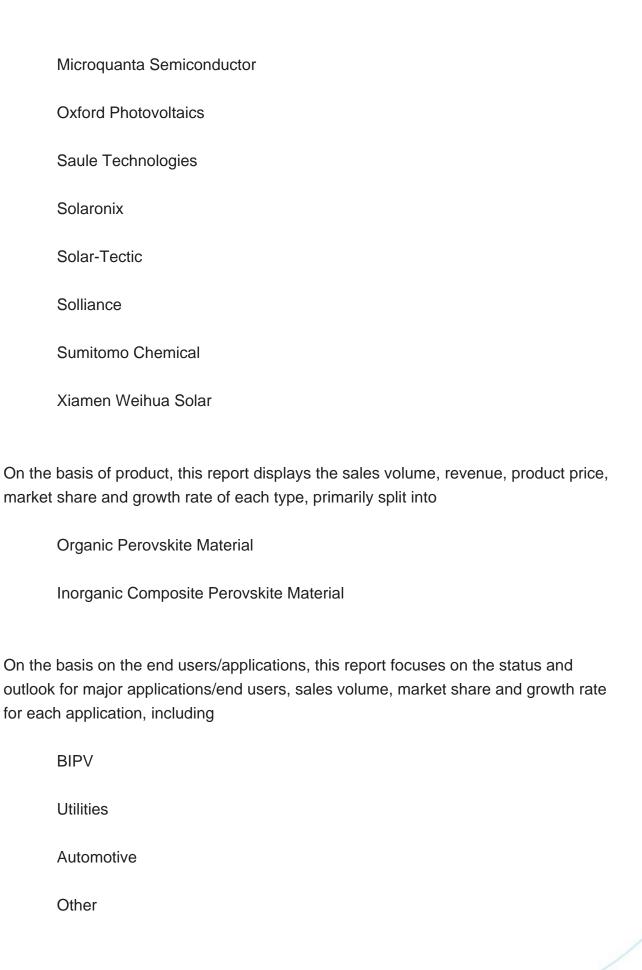
Dyesol

Fraunhofer ISE

**CSIRO** 

**FrontMaterials** 







If you have any special requirements, please let us know and we will offer you the report as you want.



## **Contents**

EMEA (Europe, Middle East and Africa) Perovskite Photovoltaics Market Report 2017

#### 1 PEROVSKITE PHOTOVOLTAICS OVERVIEW

- 1.1 Product Overview and Scope of Perovskite Photovoltaics
- 1.2 Classification of Perovskite Photovoltaics
- 1.2.1 EMEA Perovskite Photovoltaics Market Size (Sales) Comparison by Type (2012-2022)
- 1.2.2 EMEA Perovskite Photovoltaics Market Size (Sales) Market Share by Type (Product Category) in 2016
  - 1.2.3 Organic Perovskite Material
  - 1.2.4 Inorganic Composite Perovskite Material
- 1.3 EMEA Perovskite Photovoltaics Market by Application/End Users
- 1.3.1 EMEA Perovskite Photovoltaics Sales (Volume) and Market Share Comparison by Application (2012-2022
  - 1.3.2 BIPV
  - 1.3.3 Utilities
  - 1.3.4 Automotive
  - 1.3.5 Other
- 1.4 EMEA Perovskite Photovoltaics Market by Region
- 1.4.1 EMEA Perovskite Photovoltaics Market Size (Value) Comparison by Region (2012-2022)
  - 1.4.2 Europe Status and Prospect (2012-2022)
  - 1.4.3 Middle East Status and Prospect (2012-2022)
  - 1.4.4 Africa Status and Prospect (2012-2022)
- 1.5 EMEA Market Size (Value and Volume) of Perovskite Photovoltaics (2012-2022)
- 1.5.1 EMEA Perovskite Photovoltaics Sales and Growth Rate (2012-2022)
- 1.5.2 EMEA Perovskite Photovoltaics Revenue and Growth Rate (2012-2022)

# 2 EMEA PEROVSKITE PHOTOVOLTAICS COMPETITION BY MANUFACTURERS/PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION

- 2.1 EMEA Perovskite Photovoltaics Market Competition by Players/Manufacturers
- 2.1.1 EMEA Perovskite Photovoltaics Sales Volume and Market Share of Major Players (2012-2017)
  - 2.1.2 EMEA Perovskite Photovoltaics Revenue and Share by Players (2012-2017)
  - 2.1.3 EMEA Perovskite Photovoltaics Sale Price by Players (2012-2017)



- 2.2 EMEA Perovskite Photovoltaics (Volume and Value) by Type/Product Category
  - 2.2.1 EMEA Perovskite Photovoltaics Sales and Market Share by Type (2012-2017)
- 2.2.2 EMEA Perovskite Photovoltaics Revenue and Market Share by Type (2012-2017)
- 2.2.3 EMEA Perovskite Photovoltaics Sale Price by Type (2012-2017)
- 2.3 EMEA Perovskite Photovoltaics (Volume) by Application
- 2.4 EMEA Perovskite Photovoltaics (Volume and Value) by Region
  - 2.4.1 EMEA Perovskite Photovoltaics Sales and Market Share by Region (2012-2017)
- 2.4.2 EMEA Perovskite Photovoltaics Revenue and Market Share by Region (2012-2017)
- 2.4.3 EMEA Perovskite Photovoltaics Sales Price by Region (2012-2017)

# 3 EUROPE PEROVSKITE PHOTOVOLTAICS (VOLUME, VALUE AND SALES PRICE), BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 3.1 Europe Perovskite Photovoltaics Sales and Value (2012-2017)
  - 3.1.1 Europe Perovskite Photovoltaics Sales Volume and Growth Rate (2012-2017)
  - 3.1.2 Europe Perovskite Photovoltaics Revenue and Growth Rate (2012-2017)
- 3.2 Europe Perovskite Photovoltaics Sales and Market Share by Type
- 3.3 Europe Perovskite Photovoltaics Sales and Market Share by Application
- 3.4 Europe Perovskite Photovoltaics Sales Volume and Value (Revenue) by Countries
  - 3.4.1 Europe Perovskite Photovoltaics Sales Volume by Countries (2012-2017)
  - 3.4.2 Europe Perovskite Photovoltaics Revenue by Countries (2012-2017)
  - 3.4.3 Germany Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 3.4.4 France Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 3.4.5 UK Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 3.4.6 Russia Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 3.4.7 Italy Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 3.4.8 Benelux Perovskite Photovoltaics Sales and Growth Rate (2012-2017)

# 4 MIDDLE EAST PEROVSKITE PHOTOVOLTAICS (VOLUME, VALUE AND SALES PRICE), BY REGION, TYPE AND APPLICATION

- 4.1 Middle East Perovskite Photovoltaics Sales and Value (2012-2017)
- 4.1.1 Middle East Perovskite Photovoltaics Sales Volume and Growth Rate (2012-2017)
  - 4.1.2 Middle East Perovskite Photovoltaics Revenue and Growth Rate (2012-2017)
- 4.2 Middle East Perovskite Photovoltaics Sales and Market Share by Type
- 4.3 Middle East Perovskite Photovoltaics Sales and Market Share by Application



- 4.4 Middle East Perovskite Photovoltaics Sales Volume and Value (Revenue) by Countries
  - 4.4.1 Middle East Perovskite Photovoltaics Sales Volume by Countries (2012-2017)
  - 4.4.2 Middle East Perovskite Photovoltaics Revenue by Countries (2012-2017)
  - 4.4.3 Saudi Arabia Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 4.4.4 Israel Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 4.4.5 UAE Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 4.4.6 Iran Perovskite Photovoltaics Sales and Growth Rate (2012-2017)

# 5 AFRICA PEROVSKITE PHOTOVOLTAICS (VOLUME, VALUE AND SALES PRICE) BY PLAYERS, COUNTRIES, TYPE AND APPLICATION

- 5.1 Africa Perovskite Photovoltaics Sales and Value (2012-2017)
- 5.1.1 Africa Perovskite Photovoltaics Sales Volume and Growth Rate (2012-2017)
- 5.1.2 Africa Perovskite Photovoltaics Revenue and Growth Rate (2012-2017)
- 5.2 Africa Perovskite Photovoltaics Sales and Market Share by Type
- 5.3 Africa Perovskite Photovoltaics Sales and Market Share by Application
- 5.4 Africa Perovskite Photovoltaics Sales Volume and Value (Revenue) by Countries
  - 5.4.1 Africa Perovskite Photovoltaics Sales Volume by Countries (2012-2017)
  - 5.4.2 Africa Perovskite Photovoltaics Revenue by Countries (2012-2017)
  - 5.4.3 South Africa Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 5.4.4 Nigeria Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 5.4.5 Egypt Perovskite Photovoltaics Sales and Growth Rate (2012-2017)
  - 5.4.6 Algeria Perovskite Photovoltaics Sales and Growth Rate (2012-2017)

# 6 EMEA PEROVSKITE PHOTOVOLTAICS MANUFACTURERS/PLAYERS PROFILES AND SALES DATA

- 6.1 Dyesol
  - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.1.2 Perovskite Photovoltaics Product Type, Application and Specification
    - 6.1.2.1 Product A
    - 6.1.2.2 Product B
- 6.1.3 Dyesol Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.1.4 Main Business/Business Overview
- 6.2 Fraunhofer ISE
  - 6.2.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.2.2 Perovskite Photovoltaics Product Type, Application and Specification



- 6.2.2.1 Product A
- 6.2.2.2 Product B
- 6.2.3 Fraunhofer ISE Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.2.4 Main Business/Business Overview
- 6.3 CSIRO
- 6.3.1 Company Basic Information, Manufacturing Base and Competitors
- 6.3.2 Perovskite Photovoltaics Product Type, Application and Specification
  - 6.3.2.1 Product A
  - 6.3.2.2 Product B
- 6.3.3 CSIRO Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.3.4 Main Business/Business Overview
- 6.4 FrontMaterials
  - 6.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.4.2 Perovskite Photovoltaics Product Type, Application and Specification
    - 6.4.2.1 Product A
    - 6.4.2.2 Product B
- 6.4.3 FrontMaterials Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.4.4 Main Business/Business Overview
- 6.5 Microquanta Semiconductor
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.5.2 Perovskite Photovoltaics Product Type, Application and Specification
    - 6.5.2.1 Product A
    - 6.5.2.2 Product B
- 6.5.3 Microquanta Semiconductor Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.5.4 Main Business/Business Overview
- 6.6 Oxford Photovoltaics
  - 6.6.1 Company Basic Information, Manufacturing Base and Competitors
- 6.6.2 Perovskite Photovoltaics Product Type, Application and Specification
  - 6.6.2.1 Product A
  - 6.6.2.2 Product B
- 6.6.3 Oxford Photovoltaics Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.6.4 Main Business/Business Overview
- 6.7 Saule Technologies
  - 6.7.1 Company Basic Information, Manufacturing Base and Competitors



- 6.7.2 Perovskite Photovoltaics Product Type, Application and Specification
  - 6.7.2.1 Product A
  - 6.7.2.2 Product B
- 6.7.3 Saule Technologies Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.7.4 Main Business/Business Overview
- 6.8 Solaronix
  - 6.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.8.2 Perovskite Photovoltaics Product Type, Application and Specification
    - 6.8.2.1 Product A
    - 6.8.2.2 Product B
- 6.8.3 Solaronix Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.8.4 Main Business/Business Overview
- 6.9 Solar-Tectic
  - 6.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.9.2 Perovskite Photovoltaics Product Type, Application and Specification
    - 6.9.2.1 Product A
    - 6.9.2.2 Product B
- 6.9.3 Solar-Tectic Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.9.4 Main Business/Business Overview
- 6.10 Solliance
  - 6.10.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.10.2 Perovskite Photovoltaics Product Type, Application and Specification
    - 6.10.2.1 Product A
    - 6.10.2.2 Product B
- 6.10.3 Solliance Perovskite Photovoltaics Sales, Revenue, Price and Gross Margin (2012-2017)
- 6.10.4 Main Business/Business Overview
- 6.11 Sumitomo Chemical
- 6.12 Xiamen Weihua Solar

#### 7 PEROVSKITE PHOTOVOLTAICS MANUFACTURING COST ANALYSIS

- 7.1 Perovskite Photovoltaics Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Price Trend of Key Raw Materials
  - 7.1.3 Key Suppliers of Raw Materials



- 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
  - 7.2.1 Raw Materials
  - 7.2.2 Labor Cost
  - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Perovskite Photovoltaics

# 8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Perovskite Photovoltaics Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Perovskite Photovoltaics Major Manufacturers in 2016
- 8.4 Downstream Buyers

### 9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
  - 9.1.1 Direct Marketing
  - 9.1.2 Indirect Marketing
  - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
  - 9.2.1 Pricing Strategy
  - 9.2.2 Brand Strategy
  - 9.2.3 Target Client
- 9.3 Distributors/Traders List

### 10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
  - 10.1.1 Substitutes Threat
  - 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

### 11 EMEA PEROVSKITE PHOTOVOLTAICS MARKET FORECAST (2017-2022)

- 11.1 EMEA Perovskite Photovoltaics Sales, Revenue and Price Forecast (2017-2022)
  - 11.1.1 EMEA Perovskite Photovoltaics Sales and Growth Rate Forecast (2017-2022)
  - 11.1.2 EMEA Perovskite Photovoltaics Revenue and Growth Rate Forecast



(2017-2022)

- 11.1.3 EMEA Perovskite Photovoltaics Price and Trend Forecast (2017-2022)
- 11.2 EMEA Perovskite Photovoltaics Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.3 Europe Perovskite Photovoltaics Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.4 Middle Eastt Perovskite Photovoltaics Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.5 Africa Perovskite Photovoltaics Sales, Revenue and Growth Rate Forecast by Region (2017-2022)
- 11.6 EMEA Perovskite Photovoltaics Sales Forecast by Type (2017-2022)
- 11.7 EMEA Perovskite Photovoltaics Sales Forecast by Application (2017-2022)

#### 12 RESEARCH FINDINGS AND CONCLUSION

#### 13 APPENDIX

- 13.1 Methodology/Research Approach
  - 13.1.1 Research Programs/Design
  - 13.1.2 Market Size Estimation
  - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
  - 13.2.1 Secondary Sources
  - 13.2.2 Primary Sources
- 13.3 Disclaimer

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 Product Picture of Perovskite Photovoltaics

Figure EMEA Perovskite Photovoltaics Sales Volume (MW) by Type (2012-2022)

Figure EMEA Perovskite Photovoltaics Sales Volume Market Share by Type (Product Category) in 2016

Figure Organic Perovskite Material Product Picture

Figure Inorganic Composite Perovskite Material Product Picture

Figure EMEA Perovskite Photovoltaics Sales Volume (MW) by Application (2012-2022)

Figure EMEA Sales Market Share of Perovskite Photovoltaics by Application in 2016

Figure BIPV Examples

Table Key Downstream Customer in BIPV

Figure Utilities Examples

Table Key Downstream Customer in Utilities

Figure Automotive Examples

Table Key Downstream Customer in Automotive

Figure Other Examples

Table Key Downstream Customer in Other

Figure EMEA Perovskite Photovoltaics Market Size (Million USD) by Region (2012-2022)

Figure Europe Perovskite Photovoltaics Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Perovskite Photovoltaics Revenue (Million USD) Status and Forecast by Countries

Figure Middle East Perovskite Photovoltaics Revenue (Million USD) and Growth Rate (2012-2022)

Figure Middle East Perovskite Photovoltaics Revenue (Million USD) Status and Forecast by Countries

Figure Africa Perovskite Photovoltaics Revenue (Million USD) and Growth Rate (2012-2022)

Figure Africa Perovskite Photovoltaics Revenue (Million USD) Status and Forecast by Countries

Figure EMEA Perovskite Photovoltaics Sales Volume and Growth Rate (2012-2022) Figure EMEA Perovskite Photovoltaics Revenue (Million USD) and Growth Rate (2012-2022)

Figure EMEA Perovskite Photovoltaics Market Major Players Product Sales Volume (MW) (2012-2017)



Table EMEA Perovskite Photovoltaics Sales Volume (MW) of Major Players (2012-2017)

Table EMEA Perovskite Photovoltaics Sales Share by Players (2012-2017)

Figure 2016 Perovskite Photovoltaics Sales Share by Players

Figure 2017 Perovskite Photovoltaics Sales Share by Players

Figure EMEA Perovskite Photovoltaics Market Major Players Product Revenue (Million USD) (2012-2017)

Table EMEA Perovskite Photovoltaics Revenue (Million USD) by Players (2012-2017)

Table EMEA Perovskite Photovoltaics Revenue Share by Players (2012-2017)

Table 2016 EMEA Perovskite Photovoltaics Revenue Share by Players

Table 2017 EMEA Perovskite Photovoltaics Revenue Share by Players

Table EMEA Perovskite Photovoltaics Sale Price (USD/KW) by Players (2012-2017)

Table EMEA Perovskite Photovoltaics Sales (MW) and Market Share by Type (2012-2017)

Table EMEA Perovskite Photovoltaics Sales Share by Type (2012-2017)

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

Figure EMEA Perovskite Photovoltaics Sales Market Share by Type (2012-2017)

Table EMEA Perovskite Photovoltaics Revenue (Million USD) and Market Share by Type (2012-2017)

Table EMEA Perovskite Photovoltaics Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Perovskite Photovoltaics by Type in 2016

Table EMEA Perovskite Photovoltaics Sale Price (USD/KW) by Type (2012-2017)

Table EMEA Perovskite Photovoltaics Sales (MW) and Market Share by Application (2012-2017)

Table EMEA Perovskite Photovoltaics Sales Share by Application (2012-2017)

Figure Sales Market Share of Perovskite Photovoltaics by Application (2012-2017)

Figure EMEA Perovskite Photovoltaics Sales Market Share by Application in 2016

Table EMEA Perovskite Photovoltaics Sales (MW) and Market Share by Region (2012-2017)

Table EMEA Perovskite Photovoltaics Sales Share by Region (2012-2017)

Figure Sales Market Share of Perovskite Photovoltaics by Region (2012-2017)

Figure EMEA Perovskite Photovoltaics Sales Market Share in 2016

Table EMEA Perovskite Photovoltaics Revenue (Million USD) and Market Share by Region (2012-2017)

Table EMEA Perovskite Photovoltaics Revenue Share by Region (2012-2017)

Figure Revenue Market Share of Perovskite Photovoltaics by Region (2012-2017)

Figure EMEA Perovskite Photovoltaics Revenue Market Share Regions in 2016

Table EMEA Perovskite Photovoltaics Sales Price (USD/KW) by Region (2012-2017)

Figure Europe Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)



Figure Europe Perovskite Photovoltaics Revenue and Growth Rate (2012-2017)

Table Europe Perovskite Photovoltaics Sales (MW) by Type (2012-2017)

Table Europe Perovskite Photovoltaics Market Share by Type (2012-2017)

Figure Europe Perovskite Photovoltaics Market Share by Type in 2016

Table Europe Perovskite Photovoltaics Sales (MW) by Application (2012-2017)

Table Europe Perovskite Photovoltaics Market Share by Application (2012-2017)

Figure Europe Perovskite Photovoltaics Market Share by Application in 2016

Table Europe Perovskite Photovoltaics Sales (MW) by Countries (2012-2017)

Table Europe Perovskite Photovoltaics Sales Market Share by Countries (2012-2017)

Figure Europe Perovskite Photovoltaics Sales Market Share by Countries (2012-2017)

Figure Europe Perovskite Photovoltaics Sales Market Share by Countries in 2016

Table Europe Perovskite Photovoltaics Revenue (Million USD) by Countries (2012-2017)

Table Europe Perovskite Photovoltaics Revenue Market Share by Countries (2012-2017)

Figure Europe Perovskite Photovoltaics Revenue Market Share by Countries (2012-2017)

Figure Europe Perovskite Photovoltaics Revenue Market Share by Countries in 2016

Figure Germany Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure France Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure UK Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Russia Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Italy Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Benelux Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Middle East Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Middle East Perovskite Photovoltaics Revenue (Million USD) and Growth Rate (2012-2017)

Table Middle East Perovskite Photovoltaics Sales (MW) by Type (2012-2017)

Table Middle East Perovskite Photovoltaics Market Share by Type (2012-2017)

Figure Middle East Perovskite Photovoltaics Market Share by Type (2012-2017)

Table Middle East Perovskite Photovoltaics Sales (MW) by Applications (2012-2017)

Table Middle East Perovskite Photovoltaics Market Share by Applications (2012-2017)

Figure Middle East Perovskite Photovoltaics Sales Market Share by Application in 2016

Table Middle East Perovskite Photovoltaics Sales Volume (MW) by Countries (2012-2017)

Table Middle East Perovskite Photovoltaics Sales Volume Market Share by Countries (2012-2017)

Figure Middle East Perovskite Photovoltaics Sales Volume Market Share by Countries in 2016



(2012-2017)

Table Middle East Perovskite Photovoltaics Revenue (Million USD) by Countries (2012-2017)

Table Middle East Perovskite Photovoltaics Revenue Market Share by Countries (2012-2017)

Figure Middle East Perovskite Photovoltaics Revenue Market Share by Countries (2012-2017)

Figure Middle East Perovskite Photovoltaics Revenue Market Share by Countries in 2016

Figure Saudi Arabia Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Israel Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017) Figure UAE Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017) Figure Iran Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017) Figure Africa Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017) Figure Africa Perovskite Photovoltaics Revenue (Million USD) and Growth Rate

Table Africa Perovskite Photovoltaics Sales (MW) by Type (2012-2017)

Table Africa Perovskite Photovoltaics Sales Market Share by Type (2012-2017)

Figure Africa Perovskite Photovoltaics Sales Market Share by Type (2012-2017)

Figure Africa Perovskite Photovoltaics Sales Market Share by Type in 2016

Table Africa Perovskite Photovoltaics Sales (MW) by Application (2012-2017)

Table Africa Perovskite Photovoltaics Sales Market Share by Application (2012-2017)

Figure Africa Perovskite Photovoltaics Sales Market Share by Application (2012-2017)

Table Africa Perovskite Photovoltaics Sales Volume (MW) by Countries (2012-2017)

Table Africa Perovskite Photovoltaics Sales Market Share by Countries (2012-2017)

Figure Africa Perovskite Photovoltaics Sales Market Share by Countries (2012-2017)

Figure Africa Perovskite Photovoltaics Sales Market Share by Countries in 2016

Table Africa Perovskite Photovoltaics Revenue (Million USD) by Countries (2012-2017)

Table Africa Perovskite Photovoltaics Revenue Market Share by Countries (2012-2017)

Figure Africa Perovskite Photovoltaics Revenue Market Share by Countries (2012-2017)

Figure Africa Perovskite Photovoltaics Revenue Market Share by Countries in 2016

Figure South Africa Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Nigeria Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Egypt Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Algeria Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Table Dyesol Perovskite Photovoltaics Basic Information List

Table Dyesol Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)



Figure Dyesol Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Dyesol Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Dyesol Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Fraunhofer ISE Perovskite Photovoltaics Basic Information List

Table Fraunhofer ISE Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure Fraunhofer ISE Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Fraunhofer ISE Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Fraunhofer ISE Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table CSIRO Perovskite Photovoltaics Basic Information List

Table CSIRO Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure CSIRO Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure CSIRO Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure CSIRO Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table FrontMaterials Perovskite Photovoltaics Basic Information List

Table FrontMaterials Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure FrontMaterials Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure FrontMaterials Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure FrontMaterials Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Microquanta Semiconductor Perovskite Photovoltaics Basic Information List Table Microquanta Semiconductor Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure Microquanta Semiconductor Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Microquanta Semiconductor Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Microquanta Semiconductor Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Oxford Photovoltaics Perovskite Photovoltaics Basic Information List Table Oxford Photovoltaics Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)



Figure Oxford Photovoltaics Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Oxford Photovoltaics Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Oxford Photovoltaics Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Saule Technologies Perovskite Photovoltaics Basic Information List

Table Saule Technologies Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure Saule Technologies Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Saule Technologies Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Saule Technologies Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Solaronix Perovskite Photovoltaics Basic Information List

Table Solaronix Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure Solaronix Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Solaronix Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Solaronix Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Solar-Tectic Perovskite Photovoltaics Basic Information List

Table Solar-Tectic Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure Solar-Tectic Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Solar-Tectic Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Solar-Tectic Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Solliance Perovskite Photovoltaics Basic Information List

Table Solliance Perovskite Photovoltaics Sales (MW), Revenue (Million USD), Price (USD/KW) and Gross Margin (2012-2017)

Figure Solliance Perovskite Photovoltaics Sales (MW) and Growth Rate (2012-2017)

Figure Solliance Perovskite Photovoltaics Sales Market Share in EMEA (2012-2017)

Figure Solliance Perovskite Photovoltaics Revenue Market Share in EMEA (2012-2017)

Table Sumitomo Chemical Perovskite Photovoltaics Basic Information List

Table Xiamen Weihua Solar Perovskite Photovoltaics Basic Information List

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 Photovoltaics

Figure Manufacturing Process Analysis of Perovskite Photovoltaics

Figure Perovskite Photovoltaics Industrial Chain Analysis

Table Raw Materials Sources of Perovskite Photovoltaics Major Manufacturers in 2016

Table Major Buyers of Perovskite Photovoltaics

Table Distributors/Traders List

Figure EMEA Perovskite Photovoltaics Sales (MW) and Growth Rate Forecast (2017-2022)

Figure EMEA Perovskite Photovoltaics Revenue and Growth Rate Forecast (2017-2022)

Figure EMEA Perovskite Photovoltaics Price (USD/KW) and Trend Forecast (2017-2022)

Table EMEA Perovskite Photovoltaics Sales (MW) Forecast by Region (2017-2022)

Figure EMEA Perovskite Photovoltaics Sales Market Share Forecast by Region (2017-2022)

Table EMEA Perovskite Photovoltaics Revenue (Million USD) Forecast by Region (2017-2022)

Figure EMEA Perovskite Photovoltaics Revenue Market Share Forecast by Region (2017-2022)

Table Europe Perovskite Photovoltaics Sales (MW) Forecast by Countries (2017-2022) Figure Europe Perovskite Photovoltaics Sales Market Share Forecast by Countries (2017-2022)

Table Europe Perovskite Photovoltaics Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Europe Perovskite Photovoltaics Revenue Market Share Forecast by Countries (2017-2022)

Table Middle East Perovskite Photovoltaics Sales (MW) Forecast by Countries (2017-2022)

Figure Middle East Perovskite Photovoltaics Sales Market Share Forecast by Countries (2017-2022)

Table Middle East Perovskite Photovoltaics Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Middle East Perovskite Photovoltaics Revenue Market Share Forecast by Countries (2017-2022)

Table Africa Perovskite Photovoltaics Sales (MW) Forecast by Countries (2017-2022) Figure Africa Perovskite Photovoltaics Sales Market Share Forecast by Countries (2017-2022)

Table Africa Perovskite Photovoltaics Revenue (Million USD) Forecast by Countries (2017-2022)



Figure Africa Perovskite Photovoltaics Revenue Market Share Forecast by Countries (2017-2022)

Table EMEA Perovskite Photovoltaics Sales (MW) Forecast by Type (2017-2022) Figure EMEA Perovskite Photovoltaics Sales Market Share Forecast by Type (2017-2022)

Table EMEA Perovskite Photovoltaics Sales (MW) Forecast by Application (2017-2022) Figure EMEA Perovskite Photovoltaics Sales Market Share Forecast by Application (2017-2022)

Table Research Programs/Design for This Report
Figure Bottom-up and Top-down Approaches for This Report
Figure Data Triangulation
Table Key Data Information from Secondary Sources
Table Key Data Information from Primary Sources



### I would like to order

Product name: EMEA (Europe, Middle East and Africa) Perovskite Photovoltaics Market Report 2017

Product link: https://marketpublishers.com/r/EE4E6373537EN.html

Price: US\$ 4,000.00 (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 <a href="https://marketpublishers.com/r/EE4E6373537EN.html">https://marketpublishers.com/r/EE4E6373537EN.html</a>

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
	Custumer signature

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

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