

# Perovskite Solar Cell Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/P856E6EC4D9BEN.html

Date: January 2020 Pages: 111 Price: US\$ 3,000.00 (Single User License) ID: P856E6EC4D9BEN

# Abstracts

#### SUMMARY

Further key aspects of the report indicate that:

- Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology
- Chapter 2: Global Industry Summary
- Chapter 3: Market Dynamics
- Chapter 4: Global Market Segmentation by region, type and End-Use
- Chapter 5: North America Market Segmentation by region, type and End-Use
- Chapter 6: Europe Market Segmentation by region, type and End-Use
- Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use
- Chapter 8: South America Market Segmentation by region, type and End-Use
- Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.
- Chapter 10: Market Competition by Companies
- Chapter 11: Market forecast and environment forecast.
- Chapter 12: Industry Summary.

The global Perovskite Solar Cell market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Perovskite Solar Cell market segmented into

Normal Structure



#### **Inverted Structure**

Based on the end-use, the global Perovskite Solar Cell market classified into

**Residential Use** 

**Commercial Use** 

Based on geography, the global Perovskite Solar Cell market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

Crystalsol (CZTS)

CSIRO

Dyesol

Fraunhofer ISE

**FrontMaterials** 

G24 Power



**Oxford Photovoltaics** 

Saule Technologies

Technical Research Centre of Finland (VTT)

Weihua Solar



# Contents

# 1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
- 1.2.1 Product Type
- 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

# 2 GLOBAL PEROVSKITE SOLAR CELL INDUSTRY

- 2.1 Summary about Perovskite Solar Cell Industry
- 2.2 Perovskite Solar Cell Market Trends
  - 2.2.1 Perovskite Solar Cell Production & Consumption Trends
- 2.2.2 Perovskite Solar Cell Demand Structure Trends
- 2.3 Perovskite Solar Cell Cost & Price

#### **3 MARKET DYNAMICS**

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

# 4 GLOBAL MARKET SEGMENTATION

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 Normal Structure
- 4.2.2 Inverted Structure
- 4.3 Consumption Segmentation (2017 to 2021f)
  - 4.3.1 Residential Use
  - 4.3.2 Commercial Use

# **5 NORTH AMERICA MARKET SEGMENT**

- 5.1 Region Segmentation (2017 to 2021f)
  - 5.1.1 U.S.
  - 5.1.2 Canada
  - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
  - 5.2.1 Normal Structure
  - 5.2.2 Inverted Structure
- 5.3 Consumption Segmentation (2017 to 2021f)
- 5.3.1 Residential Use
- 5.3.2 Commercial Use
- 5.4 Impact of COVID-19 in North America

# 6 EUROPE MARKET SEGMENTATION

- 6.1 Region Segmentation (2017 to 2021f)
  - 6.1.1 Germany
  - 6.1.2 UK
  - 6.1.3 France
  - 6.1.4 Italy
  - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
  - 6.2.1 Normal Structure
  - 6.2.2 Inverted Structure
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Residential Use
  - 6.3.2 Commercial Use
- 6.4 Impact of COVID-19 in Europe

# 7 ASIA-PACIFIC MARKET SEGMENTATION

7.1 Region Segmentation (2017 to 2021f)



- 7.1.1 China
- 7.1.2 India
- 7.1.3 Japan
- 7.1.4 South Korea
- 7.1.5 Southeast Asia
- 7.1.6 Australia
- 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 Normal Structure
  - 7.2.2 Inverted Structure
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Residential Use
  - 7.3.2 Commercial Use
- 7.4 Impact of COVID-19 in Europe

# **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil
  - 8.1.2 Argentina
- 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 Normal Structure
  - 8.2.2 Inverted Structure
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Residential Use
  - 8.3.2 Commercial Use
- 8.4 Impact of COVID-19 in Europe

# 9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
  - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 Normal Structure
  - 9.2.2 Inverted Structure



- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Residential Use
  - 9.3.2 Commercial Use
- 9.4 Impact of COVID-19 in Europe

#### **10 COMPETITION OF MAJOR PLAYERS**

- 10.1 Brief Introduction of Major Players
  - 10.1.1 Crystalsol (CZTS)
  - 10.1.2 CSIRO
  - 10.1.3 Dyesol
  - 10.1.4 Fraunhofer ISE
  - 10.1.5 FrontMaterials
  - 10.1.6 G24 Power
  - 10.1.7 Oxford Photovoltaics
  - 10.1.8 Saule Technologies
  - 10.1.9 Technical Research Centre of Finland (VTT)
  - 10.1.10 Weihua Solar
- 10.2 Perovskite Solar Cell Sales Date of Major Players (2017-2020e)
- 10.2.1 Crystalsol (CZTS)
- 10.2.2 CSIRO
- 10.2.3 Dyesol
- 10.2.4 Fraunhofer ISE
- 10.2.5 FrontMaterials
- 10.2.6 G24 Power
- 10.2.7 Oxford Photovoltaics
- 10.2.8 Saule Technologies
- 10.2.9 Technical Research Centre of Finland (VTT)
- 10.2.10 Weihua Solar
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

# **11 MARKET FORECAST**

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
  - 11.3.1 Impact of COVID-19
  - 11.3.2 Geopolitics Overview



11.3.3 Economic Overview of Major Countries

#### **12 REPORT SUMMARY STATEMENT**



# **List Of Tables**

#### LIST OF TABLES

Table Perovskite Solar Cell Product Type Overview Table Perovskite Solar Cell Product Type Market Share List Table Perovskite Solar Cell Product Type of Major Players Table Brief Introduction of Crystalsol (CZTS) Table Brief Introduction of CSIRO Table Brief Introduction of Dyesol Table Brief Introduction of Fraunhofer ISE Table Brief Introduction of FrontMaterials Table Brief Introduction of G24 Power Table Brief Introduction of Oxford Photovoltaics Table Brief Introduction of Saule Technologies Table Brief Introduction of Technical Research Centre of Finland (VTT) Table Brief Introduction of Weihua Solar Table Products & Services of Crystalsol (CZTS) Table Products & Services of CSIRO Table Products & Services of Dyesol Table Products & Services of Fraunhofer ISE Table Products & Services of FrontMaterials Table Products & Services of G24 Power Table Products & Services of Oxford Photovoltaics Table Products & Services of Saule Technologies Table Products & Services of Technical Research Centre of Finland (VTT) Table Products & Services of Weihua Solar Table Market Distribution of Major Players Table Global Major Players Sales Revenue (Million USD) 2017-2020e Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e Table Global Perovskite Solar Cell Market Forecast (Million USD) by Region 2021f-2026f Table Global Perovskite Solar Cell Market Forecast (Million USD) Share by Region 2021f-2026f Table Global Perovskite Solar Cell Market Forecast (Million USD) by Demand 2021f-2026f Table Global Perovskite Solar Cell Market Forecast (Million USD) Share by Demand 2021f-2026f



# **List Of Figures**

#### LIST OF FIGURES

Figure Global Perovskite Solar Cell Market Size under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Perovskite Solar Cell Market by Region under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Perovskite Solar Cell Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Perovskite Solar Cell Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million) Figure Global Perovskite Solar Cell Production by Region under the Impact of COVID-19, 2021-2026 (USD Million) Figure Global Perovskite Solar Cell Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million) Figure Global Perovskite Solar Cell Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million) Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-overyear (YOY) Growth (%) 2018-2021f Figure Normal Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Inverted Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Residential Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure Commercial Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY)

Growth (%) 2018-2021f



Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Normal Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Inverted Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Residential Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Commercial Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Normal Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Inverted Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Residential Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Commercial Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY)



Growth (%) 2018-2021f

Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Normal Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Inverted Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Residential Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Commercial Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Normal Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Inverted Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Residential Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Commercial Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure GCC Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure North Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure South Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

Figure Rest of Middle East and Africa Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Normal Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Inverted Structure Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Residential Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f



Figure Commercial Use Segmentation Market Size (USD Million) 2017-2021f and Yearover-year (YOY) Growth (%) 2018-2021f

Figure Perovskite Solar Cell Sales Revenue (Million USD) of Crystalsol (CZTS) 2017-2020e

Figure Perovskite Solar Cell Sales Revenue (Million USD) of CSIRO 2017-2020e Figure Perovskite Solar Cell Sales Revenue (Million USD) of Dyesol 2017-2020e Figure Perovskite Solar Cell Sales Revenue (Million USD) of Fraunhofer ISE 2017-2020e

Figure Perovskite Solar Cell Sales Revenue (Million USD) of FrontMaterials 2017-2020e

Figure Perovskite Solar Cell Sales Revenue (Million USD) of G24 Power 2017-2020e Figure Perovskite Solar Cell Sales Revenue (Million USD) of Oxford Photovoltaics 2017-2020e

Figure Perovskite Solar Cell Sales Revenue (Million USD) of Saule Technologies 2017-2020e

Figure Perovskite Solar Cell Sales Revenue (Million USD) of Technical Research Centre of Finland (VTT) 2017-2020e

Figure Perovskite Solar Cell Sales Revenue (Million USD) of Weihua Solar 2017-2020e



#### I would like to order

Product name: Perovskite Solar Cell Market Status and Trend Analysis 2017-2026 (COVID-19 Version) Product link: <u>https://marketpublishers.com/r/P856E6EC4D9BEN.html</u>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/P856E6EC4D9BEN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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