

# Building-Integrated Photovoltaics - Global Market Outlook (2016-2022)

<https://marketpublishers.com/r/B8FE9D2334DEN.html>

Date: December 2016

Pages: 176

Price: US\$ 4,150.00 (Single User License)

ID: B8FE9D2334DEN

## Abstracts

According to Statistics MRC, the Global Building-Integrated Photovoltaics market is accounted for \$6.94 billion in 2015 and is expected to reach \$28.6 billion by 2022 growing at a CAGR of 22.4% from 2015 to 2022. Factors like demand for electricity, energy efficient constructions, smart wire connection technology and solar ready roofs for commercial & residential buildings will drive the market. However, high cost of installation and storage, absence of specific standards and codes and variations in measurement units are the major factors restraining the market growth. Resilient growth in solar PV industry will offer opportunities for the Building-Integrated Photovoltaics market.

The demand for facades is expected to grow, majorly driven by the increasing demand for integrated facades. Curtain wall is expected to grow with a considerable market share for its low maintenance cost and properties. The technology segment is commanded by Crystalline Silicon building integrated photovoltaics. The industrial segment accounted for the highest revenue share due to higher endorsement of the silicon for industrial applications. Europe is the largest market revenue generator mainly attributed to the increased investments in several countries, especially Germany, Belgium, Denmark, Greece, and the UK and also demanding legislation related to energy performance in buildings.

Some of the key players in global Building-Integrated Photovoltaics market are Ascent Solar Technologies Inc, Amari Austria GMBH, Belectric Holding GmbH, Dyesol Ltd, Cadcamation KMR SA, Fraunhofer ISE, First Solar, Film Optics Ltd, ertex solartechnik GmbH, Power Film Inc, Hanergy Holding Group Limited, Beijing Ja Solar PV Technology Co. Ltd., BGT Bischoff Glastechnik AG, Sharp Solar, Suntech Power, Onyx Solar Energy S.L, Sanyo, Pythagoras Solar, Trina Solar, Yingli Solar, Advanced Solar

Power (Hangzhou) Co. Ltd., Konarka Technologies Inc, Wirtschaft Und Infrastruktur Gmbh & Co Planungs Kg, Wurth Solar GMBH & CO. KG and Kyocera Corporation.

Technologies Covered:

Thin Film PV

Cadmium Telluride (CDTE)

Copper Indium Diselenide (CIS)/Copper Indium Gallium Selenide (CIGS)

Amorphous Silicon

Other Thin Film Technologies

Crystalline Silicon

Monocrystalline Silicon

Multicrystalline Silicon

Dye Sensitized Solar cells (DSSC)

Solid State Dye Solar Cells (ssDSC)

Organic Photovoltaic

Products Covered:

Curtain Wall

BIPV Window

Rooftop Systems

Tiles

Shingles

Metal Seam

Membrane

Laminates

Cladding

Glass

Transparent

Semi-Transparent

Facades

Glazing

Architectural shading

Skylights

**End Users Covered:**

Commercial

Industrial

Residential

**Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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