+44 20 8123 2220
info@marketpublishers.com

Research Report on Global and China's BIPV (Building-integrated photovoltaics) Market, 2016-2030

https://marketpublishers.com/r/RAAA6401A092EN.html
Date: December 2021
Pages: 60
Price: US$ 3,200.00 (Single User License)
ID: RAAA6401A092EN

Abstracts

Photovoltaic building is a new concept of applying solar power generation and is a perfect combination of solar photovoltaic system and modern building. It lays photovoltaic modules on the outer surface of building structure to provide electricity, integrating solar power generation system with roof, skylight, curtain wall and other buildings, building green and environmental protection housing. In BIPV, BAPV is relatively mature. Currently, BIPV is in the initial stage. Under the guidance of “double carbon target”(that is, to achieve peak carbon dioxide emissions by 2030 and carbon neutrality by 2060), building energy efficiency and distributed PV policy, and continuous progress in BIPV standards, global BIPV and the market is expected to witness a rapid rise.

As of 2020, BIPV accounted for about 50% of the global distributed PV installed capacity, about 15% of the total PV installation. The combination of PV and building is gradually becoming an important part of the PV installation, which is dominated by the combination of PV building and BAPV. In the world, the total installed capacity of BIPV in 2019 and 2020 amounted to 1.15GW and 2.3GW respectively, which is still in the initial stage before large-scale development, with huge space for future development.

According to CRI’s analysis, overall, the impact of COVID-19 on the global PV industry is relatively small.

In 2020, global newly installed capacity of PV reached 130GW, up 13% YOY; China's newly installed capacity of PV was 48.2GW, up 60% YOY, ranking first in the world for 8 consecutive years, and the cumulative installed capacity reached 253GW, ranking first in the world for 6 consecutive years.

+44 20 8123 2220
info@marketpublishers.com

On October 24, 2021, China's State Council issued the 'Action Plan to Achieve Peak Carbon Dioxide Emissions by 2030' to accelerate green changes in production and lifestyle, promote economic and social development based on the efficient use of resources and green low-carbon development, and ensure that the goal of peak carbon dioxide emissions by 2030 is achieved on schedule. The program calls for vigorous development of new energy, accelerating the development of intelligent photovoltaic industry, and promoting the diversified layout of photovoltaic power generation. It is planned that by 2030, the total installed capacity of wind and solar power generation in China should reach more than 1.2 billion kilowatts. At the same time, the optimization of building energy structure should be accelerated. It is planned that by 2025, the replacement rate of urban buildings renewable energy should reach 8%, the photovoltaic coverage rate of new public institutions buildings and new plant roofs should reach 50%.

According to CRI’s analysis, in 2020, the rapid growth of China's domestic photovoltaic power generation directly led to the great development of China's photovoltaic industry chain links. In 2020, China's polysilicon production was 392,000 tons, up 14.6% YOY; silicon wafer production 161.3GW, up 19.7%; cell production 134.8GW, up 22.2% YOY; module production 124.6 GW, up 26.4% YOY. China's production scale of each link in PV industry chain accounted for more than 50% of the world and continues to maintain the world's first. The great development of China's photovoltaic industry has also promoted the technological progress of the industry, leading to the further reduction in the production cost of photovoltaic products and electricity.

In recent years, China's construction area of real estate development enterprises housing continues to increase. In 2020, housing construction area increased to 9.26759 billion square meters. The Ministry of Housing and Construction indicated that in 2020, there were 630 million square meters of new assembled buildings in China, accounting for about 20% of the total new construction area, or about 3.15 billion square meters of new construction area in 2020. Moreover, China's existing building area excels 40 billion square meters. All these indicates that there exists a huge potential for the BIPV market.

CRI expects that in 2022-2030, global and China’s PV market demand will continue to rise, and for investors, there are many investment opportunities in the BIPV industry chain.

Topics covered:

+44 20 8123 2220
info@marketpublishers.com

BIPV Market Overview

Economic and policy environment of BIPV

What is the impact of COVID-19 on the BIPV industry?

Global and China’s BIPV Market Size, 2016-2021

Analysis of Major BIPV Companies

Key drivers and market opportunities in the BIPV industry

What are the key drivers, challenges, and opportunities for the BIPV industry during the forecast period of 2022-2030?

Which are the key players in the BIPV market and what are their competitive advantages?

What is the expected revenue of the BIPV market during the forecast period of 2022-2030?

What are the strategies adopted by the key players in the market to increase their market share in the sector?

Which segment of the BIPV market is expected to dominate the market in 2030?

What are the major adverse factors facing the BIPV industry?

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

Selected Charts

SELECTED CHARTS

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Research Report on Global and China's BIPV (Building-integrated photovoltaics) Market, 2016-2030

Product link: https://marketpublishers.com/r/RAAA6401A092EN.html

Price: US$ 3,200.00 (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/RAAA6401A092EN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com