

Global BIPV (Building Integrated Photovoltaic) Market by Technology (Crystalline Silicon, Thin Film), Application (Roofs, glass), End User (Industrial, commercial), Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G7F7AE793C98EN.html>

Date: August 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G7F7AE793C98EN

Abstracts

Global BIPV Market is valued approximately at USD 14.4 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 20% over the forecast period 2021-2027. BIPV refers for building-integrated photovoltaics, which are photovoltaic materials that are utilized to replace some traditional construction components. It's utilized in roofs, skylights, and facades, among other elements. Solar panels are a type of building-integrated photovoltaics that are used in the construction industry. Thin-film solar panels, flexible thin-film solar panels, thin-film or crystalline based solar panels, and semi-transparent solar panels are among the several kinds offered. BIPV is one of the fastest growing segments of the worldwide solar PV industry currently. The market is driven by the key factors such as rise in government initiatives for solar energy panel and rising awareness regarding green infrastructure. For instance, European researchers from the Grenoble Interdisciplinary Research Institute invented solar PV panels with changing colours that can self-adjust to the strength of light and the temperature level of buildings with glass exteriors and huge windows in June 2020. The mini-modules have a 3.68 percent efficiency rating and a 14 square centimeter area, lowering PV panel production costs significantly. However, need for high initial investment, may impede market growth over the forecast period of 2021-2027.

Geographically, Europe is dominating global BIPV market due to increased customer willingness to adopt practices as a result of increasingly stringent environmental regulations, linked with rising pressure to minimize net energy consumption from buildings in order to reduce CO2 emissions. However, North America held a significant

market share, with the United States and Canada accounting for the majority of revenue growth in the region. The presence of standards and favorable laws that encourage the expansion of BIPV installations across commercial and industrial enterprises is anticipated to fuel the growth.

Major market player included in this report are:

Changzhou Almaden Co. Ltd

Onyx Solar Group LLC

Nanoflex Power Corporation

Merck KGaA

Sunovation Produktion GmbH

Issol SA

AGC Solar

ertex solartechnik GmbH

Konarka Technologies Inc

Odersun Ag

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Crystalline Silicon

Thin Film

By Application:

Roofs

Glass

By End use:

Industrial

Commercial

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global BIPV Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. BIPV Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. BIPV Market, by Technology, 2019-2027 (USD Billion)
 - 1.2.3. BIPV Market, by Application, 2019-2027 (USD Billion)
 - 1.2.4. BIPV Market, by End use, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BIPV MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL BIPV MARKET DYNAMICS

- 3.1. BIPV Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rise in government initiatives for solar energy panel
 - 3.1.1.2. Rising awareness regarding green infrastructure
 - 3.1.2. Market Restraint
 - 3.1.2.1. Need for high initial investment
 - 3.1.2.2. Lack of expertise with respect to design & installation
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing new generation cell technologies
 - 3.1.3.2. Increase in collaboration with construction industry

CHAPTER 4. GLOBAL BIPV MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BIPV MARKET, BY TECHNOLOGY

- 5.1. Market Snapshot
- 5.2. Global BIPV Market by Technology, Performance - Potential Analysis
- 5.3. Global BIPV Market Estimates & Forecasts by technology 2018-2027 (USD Billion)
- 5.4. BIPV Market , Sub Segment Analysis
 - 5.4.1. Crystalline Silicon
 - 5.4.2. Thin Film

CHAPTER 6. GLOBAL BIPV MARKET, BY END USE

- 6.1. Market Snapshot
- 6.2. Global BIPV Market by End Use, Performance - Potential Analysis
- 6.3. Global BIPV Market Estimates & Forecasts by End Use 2018-2027 (USD Billion)
- 6.4. BIPV Market , Sub Segment Analysis
 - 6.4.1. Roofs
 - 6.4.2. Glass

CHAPTER 7. GLOBAL BIPV MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global BIPV Market by Application, Performance - Potential Analysis
- 7.3. Global BIPV Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 7.4. BIPV Market , Sub Segment Analysis
 - 7.4.1. Industrial

7.4.2. Commercial

CHAPTER 8. GLOBAL BIPV MARKET, REGIONAL ANALYSIS

8.1. BIPV Market , Regional Market Snapshot

8.2. North America BIPV Market

8.2.1. U.S. BIPV Market

8.2.1.1. Technology breakdown estimates & forecasts, 2018-2027

8.2.1.2. End use breakdown estimates & forecasts, 2018-2027

8.2.1.3. Application breakdown estimates & forecasts, 2018-2027

8.2.2. Canada BIPV Market

8.3. Europe BIPV Market Snapshot

8.3.1. U.K. BIPV Market

8.3.2. Germany BIPV Market

8.3.3. France BIPV Market

8.3.4. Spain BIPV Market

8.3.5. Italy BIPV Market

8.3.6. Rest of Europe BIPV Market

8.4. Asia-Pacific BIPV Market Snapshot

8.4.1. China BIPV Market

8.4.2. India BIPV Market

8.4.3. Japan BIPV Market

8.4.4. Australia BIPV Market

8.4.5. South Korea BIPV Market

8.4.6. Rest of Asia Pacific BIPV Market

8.5. Latin America BIPV Market Snapshot

8.5.1. Brazil BIPV Market

8.5.2. Mexico BIPV Market

8.6. Rest of The World BIPV Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Changzhou Almaden Co. Ltd

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

- 9.2.1.5. Recent Developments
- 9.2.2. Onyx Solar Group LLC
- 9.2.3. Nanoflex Power Corporation
- 9.2.4. Merck KGaA
- 9.2.5. Sunovation Produktion GmbH
- 9.2.6. Issol SA
- 9.2.7. AGC Solar
- 9.2.8. ertex solartechnik GmbH
- 9.2.9. Konarka Technologies Inc
- 9.2.10. Odersun Ag

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global BIPV Market, report scope

TABLE 2. Global BIPV Market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 3. Global BIPV Market estimates & forecasts by Technology 2018-2027 (USD Billion)

TABLE 4. Global BIPV Market estimates & forecasts by End Use 2018-2027 (USD Billion)

TABLE 5. Global BIPV Market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 6. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

Billion)

TABLE 20. Global BIPV Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global BIPV Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. U.S. BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. U.S. BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Canada BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Canada BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. UK BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. UK BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. Germany BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. Germany BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. France BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. France BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. France BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. Spain BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. Spain BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 39. Spain BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. Italy BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. Italy BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Italy BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. ROE BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. ROE BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. ROE BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. China BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. China BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. China BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. India BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. India BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. India BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Japan BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Japan BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Japan BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Australia BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 56. Australia BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. Australia BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 58. South Korea BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. South Korea BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. South Korea BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 61. ROPAC BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. ROPAC BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 64. Brazil BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. Brazil BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Mexico BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Mexico BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. ROLA BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. ROLA BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROW BIPV Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROW BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW BIPV Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. List of secondary sources used in the study of Global BIPV Market.

TABLE 77. List of primary sources used in the study of Global BIPV Market.

TABLE 78. Years considered for the study.

TABLE 79. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Global BIPV Market, research methodology
- FIG 2. Global BIPV Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global BIPV Market, key trends 2020
- FIG 5. Global BIPV Market, growth prospects 2021-2027
- FIG 6. Global BIPV Market, porters 5 force model
- FIG 7. Global BIPV Market, pest analysis
- FIG 8. Global BIPV Market, value chain analysis
- FIG 9. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global BIPV Market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global BIPV Market, regional snapshot 2018 & 2027
- FIG 18. North America BIPV Market 2018 & 2027 (USD Billion)
- FIG 19. Europe BIPV Market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific BIPV Market 2018 & 2027 (USD Billion)
- FIG 21. Latin America BIPV Market 2018 & 2027 (USD Billion)
- FIG 22. Global BIPV Market, company market share analysis (2020)

I would like to order

Product name: Global BIPV (Building Integrated Photovoltaic) Market by Technology (Crystalline Silicon, Thin Film), Application (Roofs, glass), End User (Industrial, commercial), Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G7F7AE793C98EN.html>

Price: US\$ 4,950.00 (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/G7F7AE793C98EN.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