

Building Integrated Photovoltaic Market by Technology (c-Si (Monocrystalline, Polycrystalline), Thin Film), Application (Roofing, Facades, Externally Integrated Systems), End User (Residential, Commercial, Industrial), Region - Global Forecast to 2029

<https://marketpublishers.com/r/BF0DA7350C76EN.html>

Date: August 2024

Pages: 214

Price: US\$ 3,217.50 (Single User License)

ID: BF0DA7350C76EN

Abstracts

The building integrated photovoltaic market is expected to grow from an estimated USD 12.49 billion in 2024 to USD 27.41 billion by 2029, at a CAGR of 17.0% during the forecast period. Environmental restrictions on carbon reduction are becoming more stringent across the world, and governments are rewarding this, giving a boost to numerous goods and technologies, like BIPV systems, for sustainable construction practices. Improved efficiency, flexibility, and aesthetic aspects in photovoltaic technology are making BIPV products more viable for home and commercial applications. These are the key factors driving the growth of the building integrated photovoltaic market.

“Thin Film, by technology segment to be the fastest-growing market from 2024 to 2029”

Thin-film solar cells permit a large degree of flexibility, which allows them to integrate into much more surfaces and architectural designs, including curved or irregular surfaces, which is a demand that becomes more frequent in modern building designs. Being lighter than crystalline silicon, thin-film panels are easier to install on various structures without significant structural reinforcement. Their sleek, low-profile design also enhances the aesthetic appeal of buildings. Thin film technology works better in low-light conditions and with varied angles of sunlight, so it is more suitable for any urban setting where buildings may not always be exposed to direct sunlight throughout

the day. It can be observed that thin-film solar cells have a lower temperature coefficient compared to crystalline silicon, which essentially means they have less efficiency loss at higher temperatures. This characteristic is particularly advantageous in hot climates.

“Facades, by application, is expected to be the fastest-growing market from 2024 to 2029”

Facades have a larger and more vertical surface area than roofing, allowing them to capture sunlight throughout the day at a variety of angles. This may be particularly relevant in urban locations where roof space is relatively small. Having innovative facades that are able to integrate photovoltaic cells in such a way that they enhance the aesthetic appeal of a building while carrying out their practical function of energy generation may speak well to architects and developers. BIPV systems in building facades—aside from their insulation, which contributes to an energy-efficient reduction of both heating and cooling loads—have the added ability to generate electricity, thus being cost-effective for energy management. Looking at the high rise of buildings in cities, the facade is a gigantic, unexploited field of potential for the integration of solar technology, as most buildings have very small roof surfaces but very large vertical fields.

“Residential segment, by end user, is expected to be the fastest-growing market from 2024 to 2029”

Homeowners are more sensitive to environmental impact that comes from the consumption of energy. This drives the demand for sustainable energy solutions; hence BIPV, which enables the production of clean energy straight from their homes. For residential consumers, ways of reducing or minimizing the energy bills under relentless upward pressure in terms of the cost of energy used have been a front-burner concern. The BIPV system makes it a long-term solution since a home can independently produce a huge electric power amount that greatly reduces expenses on utilities. BIPVs are designed to fit various building materials; hence, it is also a friendly aesthetic option to homeowners for whom the appearance of their homes is critical. As consumer behavior is growing pro-environment, residential consumers now also wish to fulfill an inner whim of cutting on their carbon footprint. BIPV enables householders to contribute towards reduced greenhouse gas emission while using clean, renewable energy.

“Asia Pacific is expected to be the fastest-growing region in the building integrated photovoltaic market.”

These countries in the Asia Pacific region are urbanizing at a rapid rate and have new construction markets on a large scale, hence providing much potential for integration of BIPV systems in modern buildings to meet their energy demands in a sustainable way. Another reason is that, in countries like the Asia Pacific region, especially China, Japan, and India, a lot of encouraging policies and financial incentives have been worked out in support of renewable energy and green building technologies, including BIPV. Strong economic growth in Asia Pacific countries drives investments into infrastructure and real estate development. On its side, such growth supports the adoption of state-of-the-art technologies like BIPV in new buildings. As a leading innovation hub for photovoltaic technologies, major manufacturers from the Asia Pacific region keep coming up with advanced BIPV technology, hence making it more efficient and attractive. Ambitious targets in the diffusion of renewable energy set by countries in this region are viewed as a way in which BIPV systems will spur growth in the market. Growing awareness about climate change and environmental sustainability influences building practices. The regional efforts to reduce carbon footprint and green building practices are aligned with the BIPV systems.

Breakdown of Primaries:

The key players in the market were identified through secondary research, and their market share in the respective regions was obtained through both, primary and secondary research. This entire process included the study of the annual and financial reports of the top market players and in-depth interviews for key insights with industry leaders such as chief executive officers, vice presidents, directors, sales managers, and marketing executives. All percentage shares, splits, and breakdowns were determined using secondary sources and verified through primary sources. All possible parameters that affect the markets covered in this research study were accounted for, viewed in extensive detail, verified through primary research, and analyzed to arrive at the final quantitative and qualitative data.

This study determined and confirmed the exact sizes of the parent market and each market through the data triangulation process and the validation of data through primaries.

By Company Type: Tier 1- 60%, Tier 2- 25%, and Tier 3- 15%

By Designation: C-Level- 35%, Director Level- 25%, and Others- 40%

By Region: North America – 25%, Europe – 25%, Asia Pacific – 30%, and Rest of the

World – 20%

Note: Other designations include sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined based on their total revenue as of 2023. Tier 1: USD 1 billion and above, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: \$\$\$USD 500 million.

The building integrated photovoltaic market is dominated by a few major players that have a wide regional presence. The leading players in the building integrated photovoltaic market are LONGi (China), JinkoSolar (China), JA SOLAR Technology Co.,Ltd. (China), AGC Inc. (Japan), and Canadian Solar (Canada) among others. The major strategy adopted by the players includes new product launches, partnerships, collaboration, mergers, and investments & expansions.

Research Coverage:

The report defines, describes, and forecasts the building integrated photovoltaic market by technology, capacity, end-use application, and region. It also offers a detailed qualitative and quantitative analysis of the market. The report comprehensively reviews the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include an analysis of the competitive landscape, market dynamics, market estimates in terms of value, and future trends in the building integrated photovoltaic market.

Key Benefits of Buying the Report

Increasing emphasis on net zero emissions and supporting government regulations are just a few of the primary drivers propelling the building integrated photovoltaic market. Regulatory and legislative uncertainties, as well as costly initial capital expenditure, limit the market's expansion. The ongoing energy shift to reduce carbon emissions is likely to provide attractive prospects for building integrated photovoltaic market participants.

Product Development/ Innovation: The building integrated photovoltaic market is seeing substantial product development and innovation, driven by rising environmental concerns. Companies are investing in improved building integrated photovoltaic technology.

Market Development: LONGi and Ferroglobe PLC have entered a long-term supply agreement starting January 1, 2024, emphasizing high-quality quartzite and metallurgical grade silicon supply for solar technology. LONGi aims to strengthen its position as a leading provider of eco-friendly solar products worldwide, promoting sustainable energy transformation and global cooperation in solar technology.

Market Diversification: JinkoSolar has partnered with RELC and Vision Industries to establish a joint venture in Saudi Arabia. This venture will build a high-efficiency solar cell and module manufacturing facility with a USD 1 billion investment. Expected to produce 10 GW annually of solar cells and modules, the project aims to advance Saudi Arabia's renewable energy efforts and global competitiveness, integrating JinkoSolar's advanced technology with local expertise.

Competitive Assessment: In-depth analysis of market share, growth plans, and service offerings of top companies in the stations market, including LONGi (China), JinkoSolar (China), JA SOLAR Technology Co.,Ltd. (China), AGC Inc. (Japan), and Canadian Solar (Canada) among others.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 INCLUSIONS AND EXCLUSIONS
- 1.4 MARKET SCOPE
 - 1.4.1 BUILDING INTEGRATED PHOTOVOLTAIC MARKET SEGMENTATION
 - 1.4.2 YEARS CONSIDERED
- 1.5 CURRENCY CONSIDERED
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS
- 1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH APPROACH
- 2.2 DATA TRIANGULATION
 - 2.2.1 PRIMARY AND SECONDARY RESEARCH
 - 2.2.1.1 Secondary data
 - 2.2.1.2 List of major secondary sources
 - 2.2.1.3 Key data from secondary sources
 - 2.2.2 PRIMARY DATA
 - 2.2.2.1 List of primary interview participants
 - 2.2.2.2 Key primary insights
 - 2.2.2.3 Breakdown of primaries
- 2.3 MARKET SIZE ESTIMATION METHODOLOGY
 - 2.3.1 BOTTOM-UP APPROACH
 - 2.3.2 TOP-DOWN APPROACH
- 2.4 DEMAND-SIDE ANALYSIS
 - 2.4.1 DEMAND-SIDE METRICS
 - 2.4.1.1 Assumptions for demand-side analysis
 - 2.4.1.2 Calculations for demand-side analysis
- 2.5 SUPPLY-SIDE ANALYSIS
 - 2.5.1 ASSUMPTIONS FOR SUPPLY-SIDE ANALYSIS
 - 2.5.2 CALCULATIONS FOR SUPPLY-SIDE ANALYSIS
 - 2.5.3 MARKET GROWTH RATE FORECAST
- 2.6 RESEARCH LIMITATIONS

2.7 RISK ANALYSIS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN BUILDING INTEGRATED PHOTOVOLTAIC MARKET

4.2 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION

4.3 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY

4.4 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION

4.5 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER

4.6 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER AND COUNTRY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Government incentives, technology advancement, and decentralization of energy generation

5.2.1.2 Urbanization and development of smart cities

5.2.1.3 Rising demand for solar energy and innovative integration

5.2.2 RESTRAINTS

5.2.2.1 Complexity in installation and integration

5.2.3 OPPORTUNITIES

5.2.3.1 Technological advancements enhancing efficiency and aesthetics

5.2.3.2 Increasing solar installations in residential and commercial sectors

5.2.4 CHALLENGES

5.2.4.1 Lack of awareness and knowledge

5.2.4.2 High initial costs of building integrated photovoltaics

5.2.4.3 Lack of tile uniformity and solar intermittency

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

5.4 SUPPLY CHAIN ANALYSIS

5.5 GLOBAL MACRO-ECONOMIC OUTLOOK

5.6 ECOSYSTEM ANALYSIS

5.7 CASE STUDY ANALYSIS

5.7.1 INNOVATIVE BIPV INTEGRATION AT SIECT: BALANCING AESTHETICS,

- EFFICIENCY, AND SEASONAL PERFORMANCE IN SOUTH KOREA
- 5.7.2 BOOSTING BIPV ADOPTION IN GHANA: THE IMPACT OF AWARENESS CAMPAIGNS AND AESTHETIC PREFERENCES
- 5.7.3 ADVANCING INTEGRATED PHOTOVOLTAICS: THE SEAMLESS-PV PROJECT'S ROLE IN SUPPORTING EUROPEAN GREEN DEAL
- 5.8 INVESTMENT AND FUNDING SCENARIO
- 5.9 TECHNOLOGY ANALYSIS
 - 5.9.1 KEY TECHNOLOGIES
 - 5.9.1.1 Crystalline silicon
 - 5.9.1.2 Thin film
 - 5.9.1.3 Organic photovoltaic
 - 5.9.2 COMPLEMENTARY TECHNOLOGIES
 - 5.9.2.1 Passivated emitter and rear contact (PERC)
 - 5.9.2.2 TOPCon
 - 5.9.2.3 Heterojunction
 - 5.9.3 ADJACENT TECHNOLOGIES
 - 5.9.3.1 Bifacial solar
 - 5.9.3.2 Perovskite
- 5.10 TRADE ANALYSIS
 - 5.10.1 HS CODE 854143
 - 5.10.1.1 Export scenario
 - 5.10.1.2 Import scenario
 - 5.10.2 HS CODE 854142
 - 5.10.2.1 Export scenario
 - 5.10.2.2 Import scenario
- 5.11 PATENT ANALYSIS
 - 5.11.1 LIST OF MAJOR PATENTS
- 5.12 KEY CONFERENCES AND EVENTS
- 5.13 PRICING ANALYSIS
 - 5.13.1 AVERAGE SELLING PRICE TREND, BY REGION (USD)
 - 5.13.2 AVERAGE SELLING PRICE OF PV MODULES OFFERED BY MARKET PLAYERS, BY END USER
- 5.14 REGULATORY LANDSCAPE
 - 5.14.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
 - 5.14.2 REGULATORY LANDSCAPE
 - 5.14.3 REGULATORY CODES
- 5.15 PORTER'S FIVE FORCES ANALYSIS
 - 5.15.1 THREAT OF SUBSTITUTES

- 5.15.2 BARGAINING POWER OF SUPPLIERS
- 5.15.3 BARGAINING POWER OF BUYERS
- 5.15.4 THREAT OF NEW ENTRANTS
- 5.15.5 INTENSITY OF COMPETITIVE RIVALRY
- 5.16 KEY STAKEHOLDERS AND BUYING CRITERIA
 - 5.16.1 KEY STAKEHOLDERS IN BUYING PROCESS
 - 5.16.2 BUYING CRITERIA
- 5.17 IMPACT OF GENERATIVE AI/AI IN BUILDING INTEGRATED PHOTOVOLTAIC MARKET
 - 5.17.1 ADOPTION OF GENERATIVE AI/AI IN BUILDING INTEGRATED PHOTOVOLTAIC MARKET
 - 5.17.2 IMPACT OF GENERATIVE AI/AI
 - 5.17.3 IMPACT OF AI ON BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION

6 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY

- 6.1 INTRODUCTION
- 6.2 CRYSTALLINE SILICON
 - 6.2.1 EFFICIENCY, RELIABILITY, AND VERSATILITY FUELING DEMAND FOR CRYSTALLINE SILICON
 - 6.2.2 MONOCRYSTALLINE
 - 6.2.3 POLYCRYSTALLINE
- 6.3 THIN FILM
 - 6.3.1 OFFERS FLEXIBLE AND COST-EFFECTIVE SOLUTIONS FOR SOLAR ENERGY GENERATION
 - 6.3.2 THIN FILM A-SI PV PANEL
 - 6.3.3 THIN FILM CDTE PV PANEL
 - 6.3.4 THIN FILM CIGS PV PANEL
 - 6.3.5 CONCENTRATED PV PANELS

7 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION

- 7.1 INTRODUCTION
- 7.2 ROOFING
 - 7.2.1 ROOFING TO BE LARGEST APPLICATION OF BUILDING INTEGRATED PHOTOVOLTAICS
 - 7.2.1.1 Tiles
 - 7.2.1.2 Shingles

7.2.1.3 Skylights

7.2.1.4 Laminates

7.2.1.5 Metal seam

7.3 FACADES

7.3.1 ASIA PACIFIC TO BE LARGEST MARKET FOR BUILDING INTEGRATED PHOTOVOLTAIC IN FACADES APPLICATION

7.3.1.1 Windows

7.3.1.2 Curtain walls

7.3.1.3 Awnings

7.3.1.4 Other facades

7.4 EXTERNALLY INTEGRATED SYSTEMS

7.4.1 INCREASED INTEGRATION OF BIPV SOLUTION INTO CANOPIES, BALUSTRADES, AND SHADING TO PROPEL MARKET

7.4.1.1 Shading

7.4.1.2 Balustrades

7.4.1.3 Canopy

8 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER

8.1 INTRODUCTION

8.2 RESIDENTIAL

8.2.1 RESIDENTIAL SEGMENT TO BE FASTEST-GROWING END USER OF BUILDING INTEGRATED PHOTOVOLTAICS

8.3 COMMERCIAL

8.3.1 INCREASINGLY STRINGENT ENVIRONMENTAL REGULATIONS TO SUPPORT MARKET GROWTH IN COMMERCIAL SECTOR

8.4 INDUSTRIAL

8.4.1 ASIA PACIFIC TO REGISTER HIGHEST GROWTH DURING FORECAST PERIOD

9 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION

9.1 INTRODUCTION

9.2 NORTH AMERICA

9.2.1 US

9.2.1.1 Growing awareness and government incentives to boost BIPV market

9.2.2 CANADA

9.2.2.1 Increased awareness and technological advancements to support market growth

9.2.3 MEXICO

9.2.3.1 Growing interest in solar energy and supportive regulations to contribute to market growth

9.3 EUROPE

9.3.1 GERMANY

9.3.1.1 Expansion of overall solar energy sector to support market growth

9.3.2 ITALY

9.3.2.1 Increase in price of conventional energy to drive demand for solar energy

9.3.3 NETHERLANDS

9.3.3.1 Urban renewal and technological advancements driving demand for building integrated photovoltaics

9.3.4 SPAIN

9.3.4.1 Growing research & development activities to contribute to market growth

9.3.5 FRANCE

9.3.5.1 Significant investments and innovation to drive demand in Spain

9.3.6 SWITZERLAND

9.3.6.1 High energy costs and stringent regulations to support market growth

9.3.7 REST OF EUROPE

9.4 ASIA PACIFIC

9.4.1 CHINA

9.4.1.1 China to lead building integrated photovoltaics market in Asia Pacific

9.4.2 JAPAN

9.4.2.1 Government incentives and favorable geographical conditions to support market growth

9.4.3 SOUTH KOREA

9.4.3.1 Smart city projects and government policies to fuel demand

9.4.4 AUSTRALIA

9.4.4.1 High solar potential, rising electricity costs, and innovative BIPV advancements to propel market

9.4.5 REST OF ASIA PACIFIC

9.5 REST OF THE WORLD

9.5.1 SOUTH AMERICA

9.5.1.1 Investments in solar energy projects to fuel market growth

9.5.2 MIDDLE EAST & AFRICA

9.5.2.1 Investments in solar energy to support market for building integrated photovoltaic systems

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 STRATEGIES ADOPTED BY KEY PLAYERS

10.3 MARKET SHARE ANALYSIS

10.4 REVENUE ANALYSIS

10.5 COMPANY VALUATION AND FINANCIAL METRICS

10.6 BRAND/PRODUCT COMPARISON

10.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023

10.7.1 STARS

10.7.2 EMERGING LEADERS

10.7.3 PERVASIVE PLAYERS

10.7.4 PARTICIPANTS

10.7.5 COMPANY FOOTPRINT, KEY PLAYERS, 2023

10.7.5.1 Company footprint

10.7.5.2 Region footprint

10.7.5.3 Technology footprint

10.7.5.4 Application footprint

10.7.5.5 End user footprint

10.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023

10.8.1 PROGRESSIVE COMPANIES

10.8.2 RESPONSIVE COMPANIES

10.8.3 DYNAMIC COMPANIES

10.8.4 STARTING BLOCKS

10.8.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023

10.8.5.1 List of key startups/SMEs

10.8.5.2 Competitive benchmarking of key startups/SMEs

10.9 COMPETITIVE SCENARIO AND TRENDS

10.9.1 PRODUCT LAUNCHES

10.9.2 DEALS

10.9.3 OTHERS

11 COMPANY PROFILES

11.1 KEY COMPANIES

11.1.1 LONGI

11.1.1.1 Business overview

11.1.1.2 Products/Services/Solutions offered

11.1.1.3 Recent developments

- 11.1.1.3.1 Deals
- 11.1.1.3.2 Expansions
- 11.1.1.4 MnM view
 - 11.1.1.4.1 Key strategies
 - 11.1.1.4.2 Strategic choices
 - 11.1.1.4.3 Weaknesses and competitive threats
- 11.1.2 JINKOSOLAR
 - 11.1.2.1 Business overview
 - 11.1.2.2 Products/Services/Solutions offered
 - 11.1.2.3 Recent developments
 - 11.1.2.3.1 Deals
 - 11.1.2.4 MnM view
 - 11.1.2.4.1 Key strategies
 - 11.1.2.4.2 Strategic choices
 - 11.1.2.4.3 Weaknesses and competitive threats
- 11.1.3 JA SOLAR TECHNOLOGY CO., LTD.
 - 11.1.3.1 Business overview
 - 11.1.3.2 Products/Services/Solutions offered
 - 11.1.3.3 MnM view
 - 11.1.3.3.1 Key strategies
 - 11.1.3.3.2 Strategic choices
 - 11.1.3.3.3 Weaknesses and competitive threats
- 11.1.4 AGC INC.
 - 11.1.4.1 Business overview
 - 11.1.4.2 Products/Services/Solutions offered
 - 11.1.4.3 Recent developments
 - 11.1.4.3.1 Others
 - 11.1.4.4 MnM view
 - 11.1.4.4.1 Key strategies
 - 11.1.4.4.2 Strategic choices
 - 11.1.4.4.3 Weaknesses and competitive threats
- 11.1.5 CANADIAN SOLAR
 - 11.1.5.1 Business overview
 - 11.1.5.2 Products/Services/Solutions offered
 - 11.1.5.3 Recent developments
 - 11.1.5.3.1 Expansions
 - 11.1.5.3.2 Others
 - 11.1.5.4 MnM view
 - 11.1.5.4.1 Key strategies

- 11.1.5.4.2 Strategic choices
- 11.1.5.4.3 Weaknesses and competitive threats
- 11.1.6 SOLARSCAPE ENTERPRISES LLP
 - 11.1.6.1 Business overview
 - 11.1.6.2 Products/Services/Solutions offered
- 11.1.7 TESLA
 - 11.1.7.1 Business overview
 - 11.1.7.2 Products/Services/Solutions offered
- 11.1.8 KANEKA CORPORATION
 - 11.1.8.1 Business overview
 - 11.1.8.2 Products/Services/Solutions offered
 - 11.1.8.3 Recent developments
 - 11.1.8.3.1 Deals
- 11.1.9 RISEN ENERGY CO., LTD.
 - 11.1.9.1 Business overview
 - 11.1.9.2 Products/Services/Solutions offered
 - 11.1.9.3 Recent developments
 - 11.1.9.3.1 Product launches
 - 11.1.9.3.2 Deals
- 11.1.10 WAAREE ENERGIES LTD.
 - 11.1.10.1 Business overview
 - 11.1.10.2 Products/Services/Solutions offered
- 11.1.11 CHINT NEW ENERGY TECHNOLOGY CO., LTD.
 - 11.1.11.1 Business overview
 - 11.1.11.2 Products/Services/Solutions offered
- 11.1.12 TALESUN SOLAR CO., LTD.
 - 11.1.12.1 Business overview
 - 11.1.12.2 Products/Services/Solutions offered
- 11.1.13 BIPVCO
 - 11.1.13.1 Business overview
 - 11.1.13.2 Products/Services/Solutions offered
- 11.1.14 ISSOL SA
 - 11.1.14.1 Business overview
 - 11.1.14.2 Products/Services/Solutions offered
- 11.1.15 ONYX SOLAR GROUP LLC
 - 11.1.15.1 Business overview
 - 11.1.15.2 Products/Services/Solutions offered
- 11.1.16 CERTAINTEED, LLC
 - 11.1.16.1 Business overview

- 11.1.16.2 Products/Services/Solutions offered
- 11.1.17 VITRO ARCHITECTURAL GLASS
 - 11.1.17.1 Business overview
 - 11.1.17.2 Products/Services/Solutions offered
- 11.2 OTHER PLAYERS
 - 11.2.1 NOVERGY ENERGY SOLUTIONS PVT. LTD.
 - 11.2.2 AVANCIS GMBH
 - 11.2.3 WUXI SUNTECH POWER CO., LTD.
 - 11.2.4 METSOLAR
 - 11.2.5 ERTEX SOLAR
 - 11.2.6 MIASOL?
 - 11.2.7 HELIATEK
 - 11.2.8 SOLITEK
 - 11.2.9 CHANGZHOU ALMADEN CO., LTD.

12 APPENDIX

- 12.1 INSIGHTS FROM INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 12.4 CUSTOMIZATION OPTIONS
- 12.5 RELATED REPORTS
- 12.6 AUTHOR DETAILS
- TABLE 1 BUILDING INTEGRATED PHOTOVOLTAIC MARKET SNAPSHOT
- TABLE 2 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: COMPANIES AND THEIR ROLES IN ECOSYSTEM
- TABLE 3 EXPORT DATA FOR HS CODE 854143, BY COUNTRY,

2022–2023 (USD THOUSAND)

- TABLE 4 IMPORT DATA FOR HS CODE 854143, BY COUNTRY,

2022–2023 (USD THOUSAND)

- TABLE 5 EXPORT SCENARIO FOR HS CODE 854142, BY COUNTRY,

2022–2023 (USD THOUSAND)

- TABLE 6 IMPORT SCENARIO FOR HS CODE 854142, BY COUNTRY,

2022–2023 (USD THOUSAND)

TABLE 7 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: INNOVATIONS AND PATENT REGISTRATIONS, 2019–2024

TABLE 8 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: LIST OF KEY CONFERENCES

AND EVENTS, 2024?2025

TABLE 9 AVERAGE SELLING PRICE TREND, BY REGION (USD)

TABLE 10 AVERAGE SELLING PRICE OF PV MODULES OFFERED BY KEY PLAYERS,

BY END USER (USD/WATT)

TABLE 11 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES,

AND OTHER ORGANIZATIONS

TABLE 12 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES,

AND OTHER ORGANIZATIONS

TABLE 13 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 14 MIDDLE EAST & AFRICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 15 REGULATORY LANDSCAPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET

TABLE 16 REGIONAL REGULATORY LANDSCAPES: BUILDING INTEGRATED PHOTOVOLTAIC MARKET

TABLE 17 GLOBAL REGULATORY CODES: BUILDING INTEGRATED PHOTOVOLTAIC MARKET

TABLE 18 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: PORTER'S FIVE FORCES ANALYSIS

TABLE 19 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS IN TOP THREE APPLICATIONS

TABLE 20 KEY BUYING CRITERIA, BY END USER

TABLE 21 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2019–2023 (USD MILLION)

TABLE 22 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2024–2029 (USD MILLION)

TABLE 23 CRYSTALLINE SILICON: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY REGION, 2019–2023 (USD MILLION)

TABLE 24 CRYSTALLINE SILICON: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY REGION, 2024–2029 (USD MILLION)

TABLE 25 CRYSTALLINE SILICON: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TYPE, 2019–2023 (USD MILLION)

TABLE 26 CRYSTALLINE SILICON: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TYPE, 2024–2029 (USD MILLION)

TABLE 27 THIN FILM: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2019–2023 (USD MILLION)

TABLE 28 THIN FILM: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2024–2029 (USD MILLION)

TABLE 29 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION,

2019–2023 (USD MILLION)

TABLE 30 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION,

2024–2029 (USD MILLION)

TABLE 31 ROOFING: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2019–2023 (USD MILLION)

TABLE 32 ROOFING: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2024–2029 (USD MILLION)

TABLE 33 FACADES: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2019–2023 (USD MILLION)

TABLE 34 FACADES: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2024–2029 (USD MILLION)

TABLE 35 EXTERNALLY INTEGRATED SYSTEMS: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 36 EXTERNALLY INTEGRATED SYSTEMS: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION, 2024–2029 (USD MILLION)

TABLE 37 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER,

2019–2023 (USD MILLION)

TABLE 38 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER,

2024–2029 (USD MILLION)

TABLE 39 RESIDENTIAL: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 40 RESIDENTIAL: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION, 2024–2029 (USD MILLION)

TABLE 41 COMMERCIAL: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION, 2019–2023 (USD MILLION)

TABLE 42 COMMERCIAL: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION, 2024–2029 (USD MILLION)

TABLE 43 INDUSTRIAL: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2019–2023 (USD MILLION)

TABLE 44 INDUSTRIAL: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2024–2029 (USD MILLION)

TABLE 45 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2019–2023 (USD MILLION)

TABLE 46 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,

2024–2029 (USD MILLION)TABLE 47 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,
2019–2023 (MW)TABLE 48 BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY REGION,
2024–2029 (MW)TABLE 49 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY TECHNOLOGY, 2019–2023 (USD MILLION)TABLE 50 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY TECHNOLOGY, 2024–2029 (USD MILLION)TABLE 51 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY APPLICATION, 2019–2023 (USD MILLION)TABLE 52 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY APPLICATION, 2024–2029 (USD MILLION)TABLE 53 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY END USER, 2019–2023 (USD MILLION)TABLE 54 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY END USER, 2024–2029 (USD MILLION)TABLE 55 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY COUNTRY, 2019–2023 (USD MILLION)TABLE 56 NORTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,
BY COUNTRY, 2024–2029 (USD MILLION)TABLE 57 US: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY
TECHNOLOGY,**2019–2023 (USD MILLION)**TABLE 58 US: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY
TECHNOLOGY,**2024–2029 (USD MILLION)**

TABLE 59 CANADA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 60 CANADA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 61 MEXICO: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 62 MEXICO: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 63 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 64 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 65 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION, 2019–2023 (USD MILLION)

TABLE 66 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 67 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER,

2019–2023 (USD MILLION)

TABLE 68 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER,

2024–2029 (USD MILLION)

TABLE 69 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY COUNTRY,

2019–2023 (USD MILLION)

TABLE 70 EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY COUNTRY,

2024–2029 (USD MILLION)

TABLE 71 GERMANY: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 72 GERMANY: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 73 ITALY: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2019–2023 (USD MILLION)

TABLE 74 ITALY: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2024–2029 (USD MILLION)

TABLE 75 NETHERLANDS: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 76 NETHERLANDS: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 77 SPAIN: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2019–2023 (USD MILLION)

TABLE 78 SPAIN: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2024–2029 (USD MILLION)

TABLE 79 FRANCE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 80 FRANCE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 81 SWITZERLAND: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 82 SWITZERLAND: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 83 REST OF EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 84 REST OF EUROPE: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 85 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY

TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 86 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 87 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION, 2019–2023 (USD MILLION)

TABLE 88 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 89 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER, 2019–2023 (USD MILLION)

TABLE 90 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY END USER, 2024–2029 (USD MILLION)

TABLE 91 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY COUNTRY, 2019–2023 (USD MILLION)

TABLE 92 ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY COUNTRY, 2024–2029 (USD MILLION)

TABLE 93 CHINA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2019–2023 (USD MILLION)

TABLE 94 CHINA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2024–2029 (USD MILLION)

TABLE 95 JAPAN: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2019–2023 (USD MILLION)

TABLE 96 JAPAN: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY,

2024–2029 (USD MILLION)

TABLE 97 SOUTH KOREA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 98 SOUTH KOREA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 99 AUSTRALIA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 100 AUSTRALIA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 101 REST OF ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 102 REST OF ASIA PACIFIC: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 103 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 104 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 105 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY APPLICATION, 2019–2023 (USD MILLION)

TABLE 106 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY APPLICATION, 2024–2029 (USD MILLION)

TABLE 107 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY END USER, 2019–2023 (USD MILLION)

TABLE 108 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY END USER, 2024–2029 (USD MILLION)

TABLE 109 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY REGION, 2019–2023 (USD MILLION)

TABLE 110 REST OF THE WORLD: BUILDING INTEGRATED PHOTOVOLTAIC MARKET,

BY REGION, 2024–2029 (USD MILLION)

TABLE 111 SOUTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2019–2023 (USD MILLION)

TABLE 112 SOUTH AMERICA: BUILDING INTEGRATED PHOTOVOLTAIC MARKET, BY TECHNOLOGY, 2024–2029 (USD MILLION)

TABLE 113 MIDDLE EAST & AFRICA: BUILDING INTEGRATED PHOTOVOLTAIC

MARKET,
BY TECHNOLOGY, 2019–2023 (USD MILLION)
TABLE 114 MIDDLE EAST & AFRICA: BUILDING INTEGRATED PHOTOVOLTAIC
MARKET,
BY TECHNOLOGY, 2024–2029 (USD MILLION)
TABLE 115 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: OVERVIEW OF
STRATEGIES ADOPTED BY KEY PLAYERS, 2019–2024
TABLE 116 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: DEGREE OF
COMPETITION, 2023
TABLE 117 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: REGIONAL
FOOTPRINT, 2023
TABLE 118 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: TECHNOLOGY
FOOTPRINT, 2023
TABLE 119 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: APPLICATION
FOOTPRINT, 2023
TABLE 120 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: END USER
FOOTPRINT
TABLE 121 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: LIST OF KEY
STARTUPS/SMES
TABLE 122 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: COMPETITIVE
BENCHMARKING OF STARTUPS/SMES
TABLE 123 BUILDING INTEGRATED PHOTOVOLTAIC MARKET: PRODUCT
LAUNCHES,
JANUARY 2019–AUGUST 2024
TABLE 124 BUILDING INTEGRATED PHOTOVOLTAIC MARKET:
DEALS, JANUARY 2019–AUGUST 2024
TABLE 125 BUILDING INTEGRATED PHOTOVOLTAIC MARKET:
OTHERS, JANUARY 2019–AUGUST 2024
TABLE 126 LONGI: COMPANY OVERVIEW
TABLE 127 LONGI: PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 128 LONGI: DEALS
TABLE 129 LONGI: EXPANSIONS
TABLE 130 JINKO SOLAR: COMPANY OVERVIEW
TABLE 131 JINKO SOLAR: PRODUCT/SERVICE/SOLUTION OFFERED
TABLE 132 JINKO SOLAR: DEALS
TABLE 133 JA SOLAR TECHNOLOGY CO., LTD.: COMPANY OVERVIEW
TABLE 134 JA SOLAR TECHNOLOGY CO., LTD.:
PRODUCTS/SERVICES/SOLUTIONS OFFERED
TABLE 135 AGC INC.: COMPANY OVERVIEW

TABLE 136 AGC INC.: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 137 AGC INC.: OTHERS

TABLE 138 CANADIAN SOLAR: COMPANY OVERVIEW

TABLE 139 CANADIAN SOLAR: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 140 CANADIAN SOLAR: EXPANSIONS

TABLE 141 CANADIAN SOLAR: OTHERS

TABLE 142 SOLARSCAPE ENTERPRISES LLP: COMPANY OVERVIEW

TABLE 143 SOLARSCAPE ENTERPRISES LLP:
PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 144 TESLA: COMPANY OVERVIEW

TABLE 145 TESLA: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 146 KANEKA CORPORATION: COMPANY OVERVIEW

TABLE 147 KANEKA CORPORATION: PRODUCTS/SERVICES/SOLUTIONS
OFFERED

TABLE 148 KANEKA CORPORATION: DEALS

TABLE 149 RISEN ENERGY CO., LTD.: COMPANY OVERVIEW

TABLE 150 RISEN ENERGY CO., LTD.: PRODUCTS/SERVICES/SOLUTIONS
OFFERED

TABLE 151 RISEN ENERGY CO., LTD.: PRODUCT LAUNCHES

TABLE 152 RISEN ENERGY CO., LTD.: DEALS

TABLE 153 WAAREE ENERGIES LTD.: COMPANY OVERVIEW

TABLE 154 WAAREE ENERGIES LTD.: PRODUCTS/SERVICES/SOLUTIONS
OFFERED

TABLE 155 CHINT NEW ENERGY TECHNOLOGY CO., LTD.: COMPANY OVERVIEW

TABLE 156 CHINT NEW ENERGY TECHNOLOGY CO., LTD.:
PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 157 TALESUN SOLAR CO., LTD.: COMPANY OVERVIEW

TABLE 158 TALESUN SOLAR CO., LTD.: PRODUCTS/SERVICES/SOLUTIONS
OFFERED

TABLE 159 BIPVCO: COMPANY OVERVIEW

TABLE 160 BIPVCO: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 161 ISSOL SA: COMPANY OVERVIEW

TABLE 162 ISSOL SA: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 163 ONYX SOLAR GROUP LLC: COMPANY OVERVIEW

TABLE 164 ONYX SOLAR GROUP LLC: PRODUCTS/SERVICES/SOLUTIONS
OFFERED

TABLE 165 CERTAINTEED, LLC: COMPANY OVERVIEW

TABLE 166 CERTAINTEED, LLC: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 167 VITRO ARCHITECTURAL GLASS: COMPANY OVERVIEW

TABLE 168 VITRO ARCHITECTURAL GLASS: PRODUCTS/SERVICES/SOLUTIONS OFFERED

TABLE 169 NOVERGY ENERGY SOLUTIONS PVT. LTD.

TABLE 170 AVANCIS GMBH

TABLE 171 WUXI SUNTECH POWER CO., LTD.

TABLE 172 METSOLAR

TABLE 173 ERTEX SOLAR

TABLE 174 MIASOL?

TABLE 175 HELIATEK

TABLE 176 SOLITEK

TABLE 177 CHANGZHOU ALMADEN CO., LTD.

I would like to order

Product name: Building Integrated Photovoltaic Market by Technology (c-Si (Monocrystalline, Polycrystalline), Thin Film), Application (Roofing, Facades, Externally Integrated Systems), End User (Residential, Commercial, Industrial), Region - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/BF0DA7350C76EN.html>

Price: US\$ 3,217.50 (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/BF0DA7350C76EN.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