

Global Bifacial Solar Cells Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Bifacial Solar Cells market size was valued at US\$ million in 2023. With growing demand in downstream market, the Bifacial Solar Cells is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Bifacial Solar Cells market. Bifacial Solar Cells are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Bifacial Solar Cells. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Bifacial Solar Cells market.

A bifacial solar cell (BSC) is a photovoltaic solar cell that can produce electrical energy when illuminated on both its surfaces, front or rear.

China has implemented the Renewable Energy Law since 2006, in which Article 4 clearly states that, the State gives first priority to the exploration of renewable energy. Over the years, various departments of the Chinese government have successively issued a large number of policies, covering production, sales, taxation, subsidies and other aspects. After setting the carbon neutrality goal in 2021, from a national perspective, the upgrading of the energy structure is ever imperative, and therefore the optoelectronic industry has great potential. The European Commission released the Net-Zero Industry Act in 2023. This bill aims to stimulate local manufacturing in Europe, reduce import dependence on China, and ensure that at least 40% of the EU's clean energy demand can be met by 2030. The EU targets an installed solar capacity of 600

GW. Overall, the European market still has a lot of room for development. US 2022 release of the Inflation Reduction Act, which includes \$369 billion for energy security and climate change investments. For the photovoltaic industry, the bill stimulates its development from multiple aspects such as corporate and individual tax credits, production subsidies, and loans throughout the industry chain, and revitalizes the domestic manufacturing industry in the United States. Japanese authorities plan to make solar panels mandatory for new residential buildings in Tokyo from 2025 onwards. It is estimated that by 2030, photovoltaic power generation will account for 14%-16% of Japan's total power generation, and the cumulative installed capacity of photovoltaic systems will be about 117.241 GW.

Key Features:

The report on Bifacial Solar Cells market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Bifacial Solar Cells market. It may include historical data, market segmentation by Type (e.g., N-Type, P-Type), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Bifacial Solar Cells market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Bifacial Solar Cells market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Bifacial Solar Cells industry. This include advancements in Bifacial Solar Cells technology, Bifacial Solar Cells new entrants, Bifacial Solar Cells new investment, and other innovations that are shaping the future of Bifacial Solar Cells.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Bifacial Solar Cells market. It includes

factors influencing customer ' purchasing decisions, preferences for Bifacial Solar Cells product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Bifacial Solar Cells market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Bifacial Solar Cells market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Bifacial Solar Cells market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Bifacial Solar Cells industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Bifacial Solar Cells market.

Market Segmentation:

Bifacial Solar Cells market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

N-Type

P-Type

Segmentation by application

Industrial

Commercial

Residential

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Isofoton

CSUN Solar Tech Co.

Jinko Solar

GCL System Integration

JA Solar

Canadian Solar

LONGi Solar

Risen Energy

LG

Prism Solar

Lumos Solar

Silfab

Sunpreme

Trina Solar

Yingli Solar

Amerisolar

AikoSolar

Key Questions Addressed in this Report

What is the 10-year outlook for the global Bifacial Solar Cells market?

What factors are driving Bifacial Solar Cells market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Bifacial Solar Cells market opportunities vary by end market size?

How does Bifacial Solar Cells break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Bifacial Solar Cells Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Bifacial Solar Cells by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Bifacial Solar Cells by Country/Region, 2019, 2023 & 2030
- 2.2 Bifacial Solar Cells Segment by Type
 - 2.2.1 N-Type
 - 2.2.2 P-Type
- 2.3 Bifacial Solar Cells Sales by Type
 - 2.3.1 Global Bifacial Solar Cells Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Bifacial Solar Cells Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Bifacial Solar Cells Sale Price by Type (2019-2024)
- 2.4 Bifacial Solar Cells Segment by Application
 - 2.4.1 Industrial
 - 2.4.2 Commercial
 - 2.4.3 Residential
- 2.5 Bifacial Solar Cells Sales by Application
 - 2.5.1 Global Bifacial Solar Cells Sale Market Share by Application (2019-2024)
 - 2.5.2 Global Bifacial Solar Cells Revenue and Market Share by Application (2019-2024)
 - 2.5.3 Global Bifacial Solar Cells Sale Price by Application (2019-2024)

3 GLOBAL BIFACIAL SOLAR CELLS BY COMPANY

3.1 Global Bifacial Solar Cells Breakdown Data by Company

3.1.1 Global Bifacial Solar Cells Annual Sales by Company (2019-2024)

3.1.2 Global Bifacial Solar Cells Sales Market Share by Company (2019-2024)

3.2 Global Bifacial Solar Cells Annual Revenue by Company (2019-2024)

3.2.1 Global Bifacial Solar Cells Revenue by Company (2019-2024)

3.2.2 Global Bifacial Solar Cells Revenue Market Share by Company (2019-2024)

3.3 Global Bifacial Solar Cells Sale Price by Company

3.4 Key Manufacturers Bifacial Solar Cells Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Bifacial Solar Cells Product Location Distribution

3.4.2 Players Bifacial Solar Cells Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR BIFACIAL SOLAR CELLS BY GEOGRAPHIC REGION

4.1 World Historic Bifacial Solar Cells Market Size by Geographic Region (2019-2024)

4.1.1 Global Bifacial Solar Cells Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Bifacial Solar Cells Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Bifacial Solar Cells Market Size by Country/Region (2019-2024)

4.2.1 Global Bifacial Solar Cells Annual Sales by Country/Region (2019-2024)

4.2.2 Global Bifacial Solar Cells Annual Revenue by Country/Region (2019-2024)

4.3 Americas Bifacial Solar Cells Sales Growth

4.4 APAC Bifacial Solar Cells Sales Growth

4.5 Europe Bifacial Solar Cells Sales Growth

4.6 Middle East & Africa Bifacial Solar Cells Sales Growth

5 AMERICAS

5.1 Americas Bifacial Solar Cells Sales by Country

5.1.1 Americas Bifacial Solar Cells Sales by Country (2019-2024)

5.1.2 Americas Bifacial Solar Cells Revenue by Country (2019-2024)

5.2 Americas Bifacial Solar Cells Sales by Type

5.3 Americas Bifacial Solar Cells Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Bifacial Solar Cells Sales by Region

6.1.1 APAC Bifacial Solar Cells Sales by Region (2019-2024)

6.1.2 APAC Bifacial Solar Cells Revenue by Region (2019-2024)

6.2 APAC Bifacial Solar Cells Sales by Type

6.3 APAC Bifacial Solar Cells Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Bifacial Solar Cells by Country

7.1.1 Europe Bifacial Solar Cells Sales by Country (2019-2024)

7.1.2 Europe Bifacial Solar Cells Revenue by Country (2019-2024)

7.2 Europe Bifacial Solar Cells Sales by Type

7.3 Europe Bifacial Solar Cells Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Bifacial Solar Cells by Country

8.1.1 Middle East & Africa Bifacial Solar Cells Sales by Country (2019-2024)

8.1.2 Middle East & Africa Bifacial Solar Cells Revenue by Country (2019-2024)

8.2 Middle East & Africa Bifacial Solar Cells Sales by Type

8.3 Middle East & Africa Bifacial Solar Cells Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Bifacial Solar Cells

10.3 Manufacturing Process Analysis of Bifacial Solar Cells

10.4 Industry Chain Structure of Bifacial Solar Cells

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Bifacial Solar Cells Distributors

11.3 Bifacial Solar Cells Customer

12 WORLD FORECAST REVIEW FOR BIFACIAL SOLAR CELLS BY GEOGRAPHIC REGION

12.1 Global Bifacial Solar Cells Market Size Forecast by Region

12.1.1 Global Bifacial Solar Cells Forecast by Region (2025-2030)

12.1.2 Global Bifacial Solar Cells Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Bifacial Solar Cells Forecast by Type

12.7 Global Bifacial Solar Cells Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Isofoton

13.1.1 Isofoton Company Information

13.1.2 Isofoton Bifacial Solar Cells Product Portfolios and Specifications

13.1.3 Isofoton Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Isofoton Main Business Overview

13.1.5 Isofoton Latest Developments

13.2 CSUN Solar Tech Co.

13.2.1 CSUN Solar Tech Co. Company Information

13.2.2 CSUN Solar Tech Co. Bifacial Solar Cells Product Portfolios and Specifications

13.2.3 CSUN Solar Tech Co. Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 CSUN Solar Tech Co. Main Business Overview

13.2.5 CSUN Solar Tech Co. Latest Developments

13.3 Jinko Solar

13.3.1 Jinko Solar Company Information

13.3.2 Jinko Solar Bifacial Solar Cells Product Portfolios and Specifications

13.3.3 Jinko Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Jinko Solar Main Business Overview

13.3.5 Jinko Solar Latest Developments

13.4 GCL System Integration

13.4.1 GCL System Integration Company Information

13.4.2 GCL System Integration Bifacial Solar Cells Product Portfolios and Specifications

13.4.3 GCL System Integration Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 GCL System Integration Main Business Overview

13.4.5 GCL System Integration Latest Developments

13.5 JA Solar

13.5.1 JA Solar Company Information

13.5.2 JA Solar Bifacial Solar Cells Product Portfolios and Specifications

13.5.3 JA Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.5.4 JA Solar Main Business Overview

13.5.5 JA Solar Latest Developments

13.6 Canadian Solar

13.6.1 Canadian Solar Company Information

13.6.2 Canadian Solar Bifacial Solar Cells Product Portfolios and Specifications

13.6.3 Canadian Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.6.4 Canadian Solar Main Business Overview

13.6.5 Canadian Solar Latest Developments

13.7 LONGi Solar

13.7.1 LONGi Solar Company Information

13.7.2 LONGi Solar Bifacial Solar Cells Product Portfolios and Specifications

13.7.3 LONGi Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.7.4 LONGi Solar Main Business Overview

13.7.5 LONGi Solar Latest Developments

13.8 Risen Energy

13.8.1 Risen Energy Company Information

13.8.2 Risen Energy Bifacial Solar Cells Product Portfolios and Specifications

13.8.3 Risen Energy Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Risen Energy Main Business Overview

13.8.5 Risen Energy Latest Developments

13.9 LG

13.9.1 LG Company Information

13.9.2 LG Bifacial Solar Cells Product Portfolios and Specifications

13.9.3 LG Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 LG Main Business Overview

13.9.5 LG Latest Developments

13.10 Prism Solar

13.10.1 Prism Solar Company Information

13.10.2 Prism Solar Bifacial Solar Cells Product Portfolios and Specifications

13.10.3 Prism Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Prism Solar Main Business Overview

13.10.5 Prism Solar Latest Developments

13.11 Lumos Solar

13.11.1 Lumos Solar Company Information

13.11.2 Lumos Solar Bifacial Solar Cells Product Portfolios and Specifications

13.11.3 Lumos Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin

(2019-2024)

13.11.4 Lumos Solar Main Business Overview

13.11.5 Lumos Solar Latest Developments

13.12 Silfab

13.12.1 Silfab Company Information

13.12.2 Silfab Bifacial Solar Cells Product Portfolios and Specifications

13.12.3 Silfab Bifacial Solar Cells Sales, Revenue, Price and Gross Margin

(2019-2024)

13.12.4 Silfab Main Business Overview

13.12.5 Silfab Latest Developments

13.13 Sunpreme

13.13.1 Sunpreme Company Information

13.13.2 Sunpreme Bifacial Solar Cells Product Portfolios and Specifications

13.13.3 Sunpreme Bifacial Solar Cells Sales, Revenue, Price and Gross Margin

(2019-2024)

13.13.4 Sunpreme Main Business Overview

13.13.5 Sunpreme Latest Developments

13.14 Trina Solar

13.14.1 Trina Solar Company Information

13.14.2 Trina Solar Bifacial Solar Cells Product Portfolios and Specifications

13.14.3 Trina Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin

(2019-2024)

13.14.4 Trina Solar Main Business Overview

13.14.5 Trina Solar Latest Developments

13.15 Yingli Solar

13.15.1 Yingli Solar Company Information

13.15.2 Yingli Solar Bifacial Solar Cells Product Portfolios and Specifications

13.15.3 Yingli Solar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin

(2019-2024)

13.15.4 Yingli Solar Main Business Overview

13.15.5 Yingli Solar Latest Developments

13.16 Amerisolar

13.16.1 Amerisolar Company Information

13.16.2 Amerisolar Bifacial Solar Cells Product Portfolios and Specifications

13.16.3 Amerisolar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin

(2019-2024)

13.16.4 Amerisolar Main Business Overview

13.16.5 Amerisolar Latest Developments

13.17 AikoSolar

13.17.1 AikoSolar Company Information

13.17.2 AikoSolar Bifacial Solar Cells Product Portfolios and Specifications

13.17.3 AikoSolar Bifacial Solar Cells Sales, Revenue, Price and Gross Margin
(2019-2024)

13.17.4 AikoSolar Main Business Overview

13.17.5 AikoSolar Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Bifacial Solar Cells Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Bifacial Solar Cells Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of N-Type
- Table 4. Major Players of P-Type
- Table 5. Global Bifacial Solar Cells Sales by Type (2019-2024) & (Kw)
- Table 6. Global Bifacial Solar Cells Sales Market Share by Type (2019-2024)
- Table 7. Global Bifacial Solar Cells Revenue by Type (2019-2024) & (\$ million)
- Table 8. Global Bifacial Solar Cells Revenue Market Share by Type (2019-2024)
- Table 9. Global Bifacial Solar Cells Sale Price by Type (2019-2024) & (US\$/Kw)
- Table 10. Global Bifacial Solar Cells Sales by Application (2019-2024) & (Kw)
- Table 11. Global Bifacial Solar Cells Sales Market Share by Application (2019-2024)
- Table 12. Global Bifacial Solar Cells Revenue by Application (2019-2024)
- Table 13. Global Bifacial Solar Cells Revenue Market Share by Application (2019-2024)
- Table 14. Global Bifacial Solar Cells Sale Price by Application (2019-2024) & (US\$/Kw)
- Table 15. Global Bifacial Solar Cells Sales by Company (2019-2024) & (Kw)
- Table 16. Global Bifacial Solar Cells Sales Market Share by Company (2019-2024)
- Table 17. Global Bifacial Solar Cells Revenue by Company (2019-2024) (\$ Millions)
- Table 18. Global Bifacial Solar Cells Revenue Market Share by Company (2019-2024)
- Table 19. Global Bifacial Solar Cells Sale Price by Company (2019-2024) & (US\$/Kw)
- Table 20. Key Manufacturers Bifacial Solar Cells Producing Area Distribution and Sales Area
- Table 21. Players Bifacial Solar Cells Products Offered
- Table 22. Bifacial Solar Cells Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 23. New Products and Potential Entrants
- Table 24. Mergers & Acquisitions, Expansion
- Table 25. Global Bifacial Solar Cells Sales by Geographic Region (2019-2024) & (Kw)
- Table 26. Global Bifacial Solar Cells Sales Market Share Geographic Region (2019-2024)
- Table 27. Global Bifacial Solar Cells Revenue by Geographic Region (2019-2024) & (\$ millions)
- Table 28. Global Bifacial Solar Cells Revenue Market Share by Geographic Region (2019-2024)
- Table 29. Global Bifacial Solar Cells Sales by Country/Region (2019-2024) & (Kw)

Table 30. Global Bifacial Solar Cells Sales Market Share by Country/Region (2019-2024)
Table 31. Global Bifacial Solar Cells Revenue by Country/Region (2019-2024) & (\$ millions)
Table 32. Global Bifacial Solar Cells Revenue Market Share by Country/Region (2019-2024)
Table 33. Americas Bifacial Solar Cells Sales by Country (2019-2024) & (Kw)
Table 34. Americas Bifacial Solar Cells Sales Market Share by Country (2019-2024)
Table 35. Americas Bifacial Solar Cells Revenue by Country (2019-2024) & (\$ Millions)
Table 36. Americas Bifacial Solar Cells Revenue Market Share by Country (2019-2024)
Table 37. Americas Bifacial Solar Cells Sales by Type (2019-2024) & (Kw)
Table 38. Americas Bifacial Solar Cells Sales by Application (2019-2024) & (Kw)
Table 39. APAC Bifacial Solar Cells Sales by Region (2019-2024) & (Kw)
Table 40. APAC Bifacial Solar Cells Sales Market Share by Region (2019-2024)
Table 41. APAC Bifacial Solar Cells Revenue by Region (2019-2024) & (\$ Millions)
Table 42. APAC Bifacial Solar Cells Revenue Market Share by Region (2019-2024)
Table 43. APAC Bifacial Solar Cells Sales by Type (2019-2024) & (Kw)
Table 44. APAC Bifacial Solar Cells Sales by Application (2019-2024) & (Kw)
Table 45. Europe Bifacial Solar Cells Sales by Country (2019-2024) & (Kw)
Table 46. Europe Bifacial Solar Cells Sales Market Share by Country (2019-2024)
Table 47. Europe Bifacial Solar Cells Revenue by Country (2019-2024) & (\$ Millions)
Table 48. Europe Bifacial Solar Cells Revenue Market Share by Country (2019-2024)
Table 49. Europe Bifacial Solar Cells Sales by Type (2019-2024) & (Kw)
Table 50. Europe Bifacial Solar Cells Sales by Application (2019-2024) & (Kw)
Table 51. Middle East & Africa Bifacial Solar Cells Sales by Country (2019-2024) & (Kw)
Table 52. Middle East & Africa Bifacial Solar Cells Sales Market Share by Country (2019-2024)
Table 53. Middle East & Africa Bifacial Solar Cells Revenue by Country (2019-2024) & (\$ Millions)
Table 54. Middle East & Africa Bifacial Solar Cells Revenue Market Share by Country (2019-2024)
Table 55. Middle East & Africa Bifacial Solar Cells Sales by Type (2019-2024) & (Kw)
Table 56. Middle East & Africa Bifacial Solar Cells Sales by Application (2019-2024) & (Kw)
Table 57. Key Market Drivers & Growth Opportunities of Bifacial Solar Cells
Table 58. Key Market Challenges & Risks of Bifacial Solar Cells
Table 59. Key Industry Trends of Bifacial Solar Cells
Table 60. Bifacial Solar Cells Raw Material
Table 61. Key Suppliers of Raw Materials

Table 62. Bifacial Solar Cells Distributors List

Table 63. Bifacial Solar Cells Customer List

Table 64. Global Bifacial Solar Cells Sales Forecast by Region (2025-2030) & (Kw)

Table 65. Global Bifacial Solar Cells Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Bifacial Solar Cells Sales Forecast by Country (2025-2030) & (Kw)

Table 67. Americas Bifacial Solar Cells Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. APAC Bifacial Solar Cells Sales Forecast by Region (2025-2030) & (Kw)

Table 69. APAC Bifacial Solar Cells Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 70. Europe Bifacial Solar Cells Sales Forecast by Country (2025-2030) & (Kw)

Table 71. Europe Bifacial Solar Cells Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 72. Middle East & Africa Bifacial Solar Cells Sales Forecast by Country (2025-2030) & (Kw)

Table 73. Middle East & Africa Bifacial Solar Cells Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 74. Global Bifacial Solar Cells Sales Forecast by Type (2025-2030) & (Kw)

Table 75. Global Bifacial Solar Cells Revenue Forecast by Type (2025-2030) & (\$ Millions)

Table 76. Global Bifacial Solar Cells Sales Forecast by Application (2025-2030) & (Kw)

Table 77. Global Bifacial Solar Cells Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 78. Isofoton Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 79. Isofoton Bifacial Solar Cells Product Portfolios and Specifications

Table 80. Isofoton Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 81. Isofoton Main Business

Table 82. Isofoton Latest Developments

Table 83. CSUN Solar Tech Co. Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 84. CSUN Solar Tech Co. Bifacial Solar Cells Product Portfolios and Specifications

Table 85. CSUN Solar Tech Co. Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 86. CSUN Solar Tech Co. Main Business

Table 87. CSUN Solar Tech Co. Latest Developments

Table 88. Jinko Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 89. Jinko Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 90. Jinko Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 91. Jinko Solar Main Business

Table 92. Jinko Solar Latest Developments

Table 93. GCL System Integration Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 94. GCL System Integration Bifacial Solar Cells Product Portfolios and Specifications

Table 95. GCL System Integration Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 96. GCL System Integration Main Business

Table 97. GCL System Integration Latest Developments

Table 98. JA Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 99. JA Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 100. JA Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 101. JA Solar Main Business

Table 102. JA Solar Latest Developments

Table 103. Canadian Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 104. Canadian Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 105. Canadian Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 106. Canadian Solar Main Business

Table 107. Canadian Solar Latest Developments

Table 108. LONGi Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 109. LONGi Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 110. LONGi Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 111. LONGi Solar Main Business

Table 112. LONGi Solar Latest Developments

Table 113. Risen Energy Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 114. Risen Energy Bifacial Solar Cells Product Portfolios and Specifications

Table 115. Risen Energy Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 116. Risen Energy Main Business

Table 117. Risen Energy Latest Developments

Table 118. LG Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 119. LG Bifacial Solar Cells Product Portfolios and Specifications

Table 120. LG Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 121. LG Main Business

Table 122. LG Latest Developments

Table 123. Prism Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 124. Prism Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 125. Prism Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 126. Prism Solar Main Business

Table 127. Prism Solar Latest Developments

Table 128. Lumos Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 129. Lumos Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 130. Lumos Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 131. Lumos Solar Main Business

Table 132. Lumos Solar Latest Developments

Table 133. Silfab Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 134. Silfab Bifacial Solar Cells Product Portfolios and Specifications

Table 135. Silfab Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 136. Silfab Main Business

Table 137. Silfab Latest Developments

Table 138. Sunpreme Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 139. Sunpreme Bifacial Solar Cells Product Portfolios and Specifications

Table 140. Sunpreme Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 141. Sunpreme Main Business

Table 142. Sunpreme Latest Developments

Table 143. Trina Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 144. Trina Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 145. Trina Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 146. Trina Solar Main Business

Table 147. Trina Solar Latest Developments

Table 148. Yingli Solar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 149. Yingli Solar Bifacial Solar Cells Product Portfolios and Specifications

Table 150. Yingli Solar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 151. Yingli Solar Main Business

Table 152. Yingli Solar Latest Developments

Table 153. Amerisolar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 154. Amerisolar Bifacial Solar Cells Product Portfolios and Specifications

Table 155. Amerisolar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 156. Amerisolar Main Business

Table 157. Amerisolar Latest Developments

Table 158. AikoSolar Basic Information, Bifacial Solar Cells Manufacturing Base, Sales Area and Its Competitors

Table 159. AikoSolar Bifacial Solar Cells Product Portfolios and Specifications

Table 160. AikoSolar Bifacial Solar Cells Sales (Kw), Revenue (\$ Million), Price (US\$/Kw) and Gross Margin (2019-2024)

Table 161. AikoSolar Main Business

Table 162. AikoSolar Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Bifacial Solar Cells
- Figure 2. Bifacial Solar Cells Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Bifacial Solar Cells Sales Growth Rate 2019-2030 (Kw)
- Figure 7. Global Bifacial Solar Cells Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Bifacial Solar Cells Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of N-Type
- Figure 10. Product Picture of P-Type
- Figure 11. Global Bifacial Solar Cells Sales Market Share by Type in 2023
- Figure 12. Global Bifacial Solar Cells Revenue Market Share by Type (2019-2024)
- Figure 13. Bifacial Solar Cells Consumed in Industrial
- Figure 14. Global Bifacial Solar Cells Market: Industrial (2019-2024) & (Kw)
- Figure 15. Bifacial Solar Cells Consumed in Commercial
- Figure 16. Global Bifacial Solar Cells Market: Commercial (2019-2024) & (Kw)
- Figure 17. Bifacial Solar Cells Consumed in Residential
- Figure 18. Global Bifacial Solar Cells Market: Residential (2019-2024) & (Kw)
- Figure 19. Global Bifacial Solar Cells Sales Market Share by Application (2023)
- Figure 20. Global Bifacial Solar Cells Revenue Market Share by Application in 2023
- Figure 21. Bifacial Solar Cells Sales Market by Company in 2023 (Kw)
- Figure 22. Global Bifacial Solar Cells Sales Market Share by Company in 2023
- Figure 23. Bifacial Solar Cells Revenue Market by Company in 2023 (\$ Million)
- Figure 24. Global Bifacial Solar Cells Revenue Market Share by Company in 2023
- Figure 25. Global Bifacial Solar Cells Sales Market Share by Geographic Region (2019-2024)
- Figure 26. Global Bifacial Solar Cells Revenue Market Share by Geographic Region in 2023
- Figure 27. Americas Bifacial Solar Cells Sales 2019-2024 (Kw)
- Figure 28. Americas Bifacial Solar Cells Revenue 2019-2024 (\$ Millions)
- Figure 29. APAC Bifacial Solar Cells Sales 2019-2024 (Kw)
- Figure 30. APAC Bifacial Solar Cells Revenue 2019-2024 (\$ Millions)
- Figure 31. Europe Bifacial Solar Cells Sales 2019-2024 (Kw)
- Figure 32. Europe Bifacial Solar Cells Revenue 2019-2024 (\$ Millions)
- Figure 33. Middle East & Africa Bifacial Solar Cells Sales 2019-2024 (Kw)

- Figure 34. Middle East & Africa Bifacial Solar Cells Revenue 2019-2024 (\$ Millions)
- Figure 35. Americas Bifacial Solar Cells Sales Market Share by Country in 2023
- Figure 36. Americas Bifacial Solar Cells Revenue Market Share by Country in 2023
- Figure 37. Americas Bifacial Solar Cells Sales Market Share by Type (2019-2024)
- Figure 38. Americas Bifacial Solar Cells Sales Market Share by Application (2019-2024)
- Figure 39. United States Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 40. Canada Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 41. Mexico Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 42. Brazil Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 43. APAC Bifacial Solar Cells Sales Market Share by Region in 2023
- Figure 44. APAC Bifacial Solar Cells Revenue Market Share by Regions in 2023
- Figure 45. APAC Bifacial Solar Cells Sales Market Share by Type (2019-2024)
- Figure 46. APAC Bifacial Solar Cells Sales Market Share by Application (2019-2024)
- Figure 47. China Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 48. Japan Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 49. South Korea Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 50. Southeast Asia Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 51. India Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. Australia Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 53. China Taiwan Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 54. Europe Bifacial Solar Cells Sales Market Share by Country in 2023
- Figure 55. Europe Bifacial Solar Cells Revenue Market Share by Country in 2023
- Figure 56. Europe Bifacial Solar Cells Sales Market Share by Type (2019-2024)
- Figure 57. Europe Bifacial Solar Cells Sales Market Share by Application (2019-2024)
- Figure 58. Germany Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 59. France Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 60. UK Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 61. Italy Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 62. Russia Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 63. Middle East & Africa Bifacial Solar Cells Sales Market Share by Country in 2023
- Figure 64. Middle East & Africa Bifacial Solar Cells Revenue Market Share by Country in 2023
- Figure 65. Middle East & Africa Bifacial Solar Cells Sales Market Share by Type (2019-2024)
- Figure 66. Middle East & Africa Bifacial Solar Cells Sales Market Share by Application (2019-2024)
- Figure 67. Egypt Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)
- Figure 68. South Africa Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)

Figure 69. Israel Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)

Figure 70. Turkey Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)

Figure 71. GCC Country Bifacial Solar Cells Revenue Growth 2019-2024 (\$ Millions)

Figure 72. Manufacturing Cost Structure Analysis of Bifacial Solar Cells in 2023

Figure 73. Manufacturing Process Analysis of Bifacial Solar Cells

Figure 74. Industry Chain Structure of Bifacial Solar Cells

Figure 75. Channels of Distribution

Figure 76. Global Bifacial Solar Cells Sales Market Forecast by Region (2025-2030)

Figure 77. Global Bifacial Solar Cells Revenue Market Share Forecast by Region (2025-2030)

Figure 78. Global Bifacial Solar Cells Sales Market Share Forecast by Type (2025-2030)

Figure 79. Global Bifacial Solar Cells Revenue Market Share Forecast by Type (2025-2030)

Figure 80. Global Bifacial Solar Cells Sales Market Share Forecast by Application (2025-2030)

Figure 81. Global Bifacial Solar Cells Revenue Market Share Forecast by Application (2025-2030)

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