

Global Photovoltaic Solar Panel Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/G23BFE7FFFF4EN.html>

Date: April 2024

Pages: 108

Price: US\$ 3,450.00 (Single User License)

ID: G23BFE7FFFF4EN

Abstracts

Summary

Solar Photovoltaic Panels refer either to a photovoltaic module, a solar thermal energy panel, or to a set of solar photovoltaic (PV) modules electrically connected and mounted on a supporting structure. A PV module is a packaged, connected assembly of solar cells. Solar panels can be used as a component of a larger photovoltaic system to generate and supply electricity in commercial and residential applications.

According to APO Research, The global Photovoltaic Solar Panel market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Photovoltaic Solar Panel is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Photovoltaic Solar Panel is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Photovoltaic Solar Panel is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Photovoltaic Solar Panel include Yingli Solar, JA Solar, Trina Solar, ReneSola, Canadian Solar, First Solar, Sunpower, Sharp Solar and

Kyocera, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Photovoltaic Solar Panel, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Photovoltaic Solar Panel.

The Photovoltaic Solar Panel market size, estimations, and forecasts are provided in terms of sales volume (K sqm) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Photovoltaic Solar Panel market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Yingli Solar

JA Solar

Trina Solar

ReneSola

Canadian Solar

First Solar

Sunpower

Sharp Solar

Kyocera

REC Solar

Suntech

Linyang

CEEG

Photovoltaic Solar Panel segment by Type

Mono- Photovoltaic Solar Pane

Polycrystalline Photovoltaic Solar Panel

Thin film Photovoltaic Solar Panel

Photovoltaic Solar Panel segment by Application

Home Use

Commercial Use

Photovoltaic Solar Panel Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Photovoltaic Solar Panel market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Photovoltaic Solar Panel and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more

insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Photovoltaic Solar Panel.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Photovoltaic Solar Panel manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Photovoltaic Solar Panel in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Photovoltaic Solar Panel Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Photovoltaic Solar Panel Sales Estimates and Forecasts (2019-2030)
- 1.3 Photovoltaic Solar Panel Market by Type
 - 1.3.1 Mono- Photovoltaic Solar Pane
 - 1.3.2 Polycrystalline Photovoltaic Solar Panel
 - 1.3.3 Thin film Photovoltaic Solar Panel
- 1.4 Global Photovoltaic Solar Panel Market Size by Type
 - 1.4.1 Global Photovoltaic Solar Panel Market Size Overview by Type (2019-2030)
 - 1.4.2 Global Photovoltaic Solar Panel Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global Photovoltaic Solar Panel Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America Photovoltaic Solar Panel Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe Photovoltaic Solar Panel Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific Photovoltaic Solar Panel Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America Photovoltaic Solar Panel Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa Photovoltaic Solar Panel Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

- 2.1 Photovoltaic Solar Panel Industry Trends
- 2.2 Photovoltaic Solar Panel Industry Drivers
- 2.3 Photovoltaic Solar Panel Industry Opportunities and Challenges
- 2.4 Photovoltaic Solar Panel Industry Restraints

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Photovoltaic Solar Panel Revenue (2019-2024)
- 3.2 Global Top Players by Photovoltaic Solar Panel Sales (2019-2024)
- 3.3 Global Top Players by Photovoltaic Solar Panel Price (2019-2024)
- 3.4 Global Photovoltaic Solar Panel Industry Company Ranking, 2022 VS 2023 VS

2024

3.5 Global Photovoltaic Solar Panel Key Company Manufacturing Sites & Headquarters

3.6 Global Photovoltaic Solar Panel Company, Product Type & Application

3.7 Global Photovoltaic Solar Panel Company Commercialization Time

3.8 Market Competitive Analysis

3.8.1 Global Photovoltaic Solar Panel Market CR5 and HHI

3.8.2 Global Top 5 and 10 Photovoltaic Solar Panel Players Market Share by Revenue in 2023

3.8.3 2023 Photovoltaic Solar Panel Tier 1, Tier 2, and Tier

4 PHOTOVOLTAIC SOLAR PANEL REGIONAL STATUS AND OUTLOOK

4.1 Global Photovoltaic Solar Panel Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Photovoltaic Solar Panel Historic Market Size by Region

4.2.1 Global Photovoltaic Solar Panel Sales in Volume by Region (2019-2024)

4.2.2 Global Photovoltaic Solar Panel Sales in Value by Region (2019-2024)

4.2.3 Global Photovoltaic Solar Panel Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Photovoltaic Solar Panel Forecasted Market Size by Region

4.3.1 Global Photovoltaic Solar Panel Sales in Volume by Region (2025-2030)

4.3.2 Global Photovoltaic Solar Panel Sales in Value by Region (2025-2030)

4.3.3 Global Photovoltaic Solar Panel Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 PHOTOVOLTAIC SOLAR PANEL BY APPLICATION

5.1 Photovoltaic Solar Panel Market by Application

5.1.1 Home Use

5.1.2 Commercial Use

5.2 Global Photovoltaic Solar Panel Market Size by Application

5.2.1 Global Photovoltaic Solar Panel Market Size Overview by Application (2019-2030)

5.2.2 Global Photovoltaic Solar Panel Historic Market Size Review by Application (2019-2024)

5.2.3 Global Photovoltaic Solar Panel Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America Photovoltaic Solar Panel Sales Breakdown by Application

(2019-2024)

5.3.2 Europe Photovoltaic Solar Panel Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Photovoltaic Solar Panel Sales Breakdown by Application

(2019-2024)

5.3.4 Latin America Photovoltaic Solar Panel Sales Breakdown by Application

(2019-2024)

5.3.5 Middle East and Africa Photovoltaic Solar Panel Sales Breakdown by Application

(2019-2024)

6 COMPANY PROFILES

6.1 Yingli Solar

6.1.1 Yingli Solar Company Information

6.1.2 Yingli Solar Business Overview

6.1.3 Yingli Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.1.4 Yingli Solar Photovoltaic Solar Panel Product Portfolio

6.1.5 Yingli Solar Recent Developments

6.2 JA Solar

6.2.1 JA Solar Company Information

6.2.2 JA Solar Business Overview

6.2.3 JA Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.2.4 JA Solar Photovoltaic Solar Panel Product Portfolio

6.2.5 JA Solar Recent Developments

6.3 Trina Solar

6.3.1 Trina Solar Company Information

6.3.2 Trina Solar Business Overview

6.3.3 Trina Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.3.4 Trina Solar Photovoltaic Solar Panel Product Portfolio

6.3.5 Trina Solar Recent Developments

6.4 ReneSola

6.4.1 ReneSola Company Information

6.4.2 ReneSola Business Overview

6.4.3 ReneSola Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.4.4 ReneSola Photovoltaic Solar Panel Product Portfolio

6.4.5 ReneSola Recent Developments

6.5 Canadian Solar

6.5.1 Canadian Solar Company Information

6.5.2 Canadian Solar Business Overview

6.5.3 Canadian Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin
(2019-2024)

6.5.4 Canadian Solar Photovoltaic Solar Panel Product Portfolio

6.5.5 Canadian Solar Recent Developments

6.6 First Solar

6.6.1 First Solar Company Information

6.6.2 First Solar Business Overview

6.6.3 First Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin
(2019-2024)

6.6.4 First Solar Photovoltaic Solar Panel Product Portfolio

6.6.5 First Solar Recent Developments

6.7 Sunpower

6.7.1 Sunpower Company Information

6.7.2 Sunpower Business Overview

6.7.3 Sunpower Photovoltaic Solar Panel Sales, Revenue and Gross Margin
(2019-2024)

6.7.4 Sunpower Photovoltaic Solar Panel Product Portfolio

6.7.5 Sunpower Recent Developments

6.8 Sharp Solar

6.8.1 Sharp Solar Company Information

6.8.2 Sharp Solar Business Overview

6.8.3 Sharp Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin
(2019-2024)

6.8.4 Sharp Solar Photovoltaic Solar Panel Product Portfolio

6.8.5 Sharp Solar Recent Developments

6.9 Kyocera

6.9.1 Kyocera Company Information

6.9.2 Kyocera Business Overview

6.9.3 Kyocera Photovoltaic Solar Panel Sales, Revenue and Gross Margin
(2019-2024)

6.9.4 Kyocera Photovoltaic Solar Panel Product Portfolio

6.9.5 Kyocera Recent Developments

6.10 REC Solar

6.10.1 REC Solar Company Information

6.10.2 REC Solar Business Overview

6.10.3 REC Solar Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.10.4 REC Solar Photovoltaic Solar Panel Product Portfolio

6.10.5 REC Solar Recent Developments

6.11 Suntech

6.11.1 Suntech Comapny Information

6.11.2 Suntech Business Overview

6.11.3 Suntech Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.11.4 Suntech Photovoltaic Solar Panel Product Portfolio

6.11.5 Suntech Recent Developments

6.12 Linyang

6.12.1 Linyang Comapny Information

6.12.2 Linyang Business Overview

6.12.3 Linyang Photovoltaic Solar Panel Sales, Revenue and Gross Margin

(2019-2024)

6.12.4 Linyang Photovoltaic Solar Panel Product Portfolio

6.12.5 Linyang Recent Developments

6.13 CEEG

6.13.1 CEEG Comapny Information

6.13.2 CEEG Business Overview

6.13.3 CEEG Photovoltaic Solar Panel Sales, Revenue and Gross Margin (2019-2024)

6.13.4 CEEG Photovoltaic Solar Panel Product Portfolio

6.13.5 CEEG Recent Developments

7 NORTH AMERICA BY COUNTRY

7.1 North America Photovoltaic Solar Panel Sales by Country

7.1.1 North America Photovoltaic Solar Panel Sales Growth Rate (CAGR) by Country:
2019 VS 2023 VS 2030

7.1.2 North America Photovoltaic Solar Panel Sales by Country (2019-2024)

7.1.3 North America Photovoltaic Solar Panel Sales Forecast by Country (2025-2030)

7.2 North America Photovoltaic Solar Panel Market Size by Country

7.2.1 North America Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by
Country: 2019 VS 2023 VS 2030

7.2.2 North America Photovoltaic Solar Panel Market Size by Country (2019-2024)

7.2.3 North America Photovoltaic Solar Panel Market Size Forecast by Country
(2025-2030)

8 EUROPE BY COUNTRY

8.1 Europe Photovoltaic Solar Panel Sales by Country

8.1.1 Europe Photovoltaic Solar Panel Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Photovoltaic Solar Panel Sales by Country (2019-2024)

8.1.3 Europe Photovoltaic Solar Panel Sales Forecast by Country (2025-2030)

8.2 Europe Photovoltaic Solar Panel Market Size by Country

8.2.1 Europe Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Photovoltaic Solar Panel Market Size by Country (2019-2024)

8.2.3 Europe Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific Photovoltaic Solar Panel Sales by Country

9.1.1 Asia-Pacific Photovoltaic Solar Panel Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Photovoltaic Solar Panel Sales by Country (2019-2024)

9.1.3 Asia-Pacific Photovoltaic Solar Panel Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific Photovoltaic Solar Panel Market Size by Country

9.2.1 Asia-Pacific Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Photovoltaic Solar Panel Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America Photovoltaic Solar Panel Sales by Country

10.1.1 Latin America Photovoltaic Solar Panel Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Photovoltaic Solar Panel Sales by Country (2019-2024)

10.1.3 Latin America Photovoltaic Solar Panel Sales Forecast by Country (2025-2030)

10.2 Latin America Photovoltaic Solar Panel Market Size by Country

10.2.1 Latin America Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Photovoltaic Solar Panel Market Size by Country (2019-2024)

10.2.3 Latin America Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa Photovoltaic Solar Panel Sales by Country

11.1.1 Middle East and Africa Photovoltaic Solar Panel Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Photovoltaic Solar Panel Sales by Country (2019-2024)

11.1.3 Middle East and Africa Photovoltaic Solar Panel Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa Photovoltaic Solar Panel Market Size by Country

11.2.1 Middle East and Africa Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Photovoltaic Solar Panel Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 Photovoltaic Solar Panel Value Chain Analysis

12.1.1 Photovoltaic Solar Panel Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Photovoltaic Solar Panel Production Mode & Process

12.2 Photovoltaic Solar Panel Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Photovoltaic Solar Panel Distributors

12.2.3 Photovoltaic Solar Panel Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

- 14.5.1 Secondary Sources
- 14.5.2 Primary Sources
- 14.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Major Company of Mono- Photovoltaic Solar Pane

Table 2. Major Company of Polycrystalline Photovoltaic Solar Panel

Table 3. Major Company of Thin film Photovoltaic Solar Panel

Table 4. Global Photovoltaic Solar Panel Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 5. Global Photovoltaic Solar Panel Sales by Type (2019-2024) & (K sqm)

Table 6. Global Photovoltaic Solar Panel Sales Market Share in Volume by Type (2019-2024)

Table 7. Global Photovoltaic Solar Panel Sales by Type (2019-2024) & (US\$ Million)

Table 8. Global Photovoltaic Solar Panel Sales Market Share in Value by Type (2019-2024)

Table 9. Global Photovoltaic Solar Panel Price by Type (2019-2024) & (USD/sqm)

Table 10. Global Photovoltaic Solar Panel Sales by Type (2025-2030) & (K sqm)

Table 11. Global Photovoltaic Solar Panel Sales Market Share in Volume by Type (2025-2030)

Table 12. Global Photovoltaic Solar Panel Sales by Type (2025-2030) & (US\$ Million)

Table 13. Global Photovoltaic Solar Panel Sales Market Share in Value by Type (2025-2030)

Table 14. Global Photovoltaic Solar Panel Price by Type (2025-2030) & (USD/sqm)

Table 15. North America Photovoltaic Solar Panel Sales by Type (2019-2024) & (K sqm)

Table 16. North America Photovoltaic Solar Panel Sales by Type (2019-2024) & (US\$ Million)

Table 17. Europe Photovoltaic Solar Panel Sales by Type (2019-2024) & (K sqm)

Table 18. Europe Photovoltaic Solar Panel Sales by Type (2019-2024) & (US\$ Million)

Table 19. Asia-Pacific Photovoltaic Solar Panel Sales by Type (2019-2024) & (K sqm)

Table 20. Asia-Pacific Photovoltaic Solar Panel Sales by Type (2019-2024) & (US\$ Million)

Table 21. Latin America Photovoltaic Solar Panel Sales by Type (2019-2024) & (K sqm)

Table 22. Latin America Photovoltaic Solar Panel Sales by Type (2019-2024) & (US\$ Million)

Table 23. Middle East and Africa Photovoltaic Solar Panel Sales by Type (2019-2024) & (K sqm)

Table 24. Middle East and Africa Photovoltaic Solar Panel Sales by Type (2019-2024) & (US\$ Million)

- Table 25. Photovoltaic Solar Panel Industry Trends
- Table 26. Photovoltaic Solar Panel Industry Drivers
- Table 27. Photovoltaic Solar Panel Industry Opportunities and Challenges
- Table 28. Photovoltaic Solar Panel Industry Restraints
- Table 29. Global Photovoltaic Solar Panel Sales Revenue by Company (US\$ Million) & (2019-2024)
- Table 30. Global Photovoltaic Solar Panel Revenue Market Share by Company (2019-2024)
- Table 31. Global Photovoltaic Solar Panel Sales by Company (2019-2024) & (K sqm)
- Table 32. Global Photovoltaic Solar Panel Sales Share by Company (2019-2024)
- Table 33. Global Photovoltaic Solar Panel Market Price by Company (2019-2024) & (USD/sqm)
- Table 34. Global Photovoltaic Solar Panel Industry Company Ranking, 2022 VS 2023 VS 2024
- Table 35. Global Photovoltaic Solar Panel Key Company Manufacturing Sites & Headquarters
- Table 36. Global Photovoltaic Solar Panel Company, Product Type & Application
- Table 37. Global Photovoltaic Solar Panel Company Commercialization Time
- Table 38. Global Company Market Concentration Ratio (CR5 and HHI)
- Table 39. Global Photovoltaic Solar Panel by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)
- Table 40. Global Photovoltaic Solar Panel Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030
- Table 41. Global Photovoltaic Solar Panel Sales by Region (2019-2024) & (K sqm)
- Table 42. Global Photovoltaic Solar Panel Sales Market Share in Volume by Region (2019-2024)
- Table 43. Global Photovoltaic Solar Panel Sales by Region (2019-2024) & (US\$ Million)
- Table 44. Global Photovoltaic Solar Panel Sales Market Share in Value by Region (2019-2024)
- Table 45. Global Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 46. Global Photovoltaic Solar Panel Sales by Region (2025-2030) & (K sqm)
- Table 47. Global Photovoltaic Solar Panel Sales Market Share in Volume by Region (2025-2030)
- Table 48. Global Photovoltaic Solar Panel Sales by Region (2025-2030) & (US\$ Million)
- Table 49. Global Photovoltaic Solar Panel Sales Market Share in Value by Region (2025-2030)
- Table 50. Global Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2025-2030)

Table 51. Global Photovoltaic Solar Panel Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 52. Global Photovoltaic Solar Panel Sales by Application (2019-2024) & (K sqm)

Table 53. Global Photovoltaic Solar Panel Sales Market Share in Volume by Application (2019-2024)

Table 54. Global Photovoltaic Solar Panel Sales by Application (2019-2024) & (US\$ Million)

Table 55. Global Photovoltaic Solar Panel Sales Market Share in Value by Application (2019-2024)

Table 56. Global Photovoltaic Solar Panel Price by Application (2019-2024) & (USD/sqm)

Table 57. Global Photovoltaic Solar Panel Sales by Application (2025-2030) & (K sqm)

Table 58. Global Photovoltaic Solar Panel Sales Market Share in Volume by Application (2025-2030)

Table 59. Global Photovoltaic Solar Panel Sales by Application (2025-2030) & (US\$ Million)

Table 60. Global Photovoltaic Solar Panel Sales Market Share in Value by Application (2025-2030)

Table 61. Global Photovoltaic Solar Panel Price by Application (2025-2030) & (USD/sqm)

Table 62. North America Photovoltaic Solar Panel Sales by Application (2019-2024) & (K sqm)

Table 63. North America Photovoltaic Solar Panel Sales by Application (2019-2024) & (US\$ Million)

Table 64. Europe Photovoltaic Solar Panel Sales by Application (2019-2024) & (K sqm)

Table 65. Europe Photovoltaic Solar Panel Sales by Application (2019-2024) & (US\$ Million)

Table 66. Asia-Pacific Photovoltaic Solar Panel Sales by Application (2019-2024) & (K sqm)

Table 67. Asia-Pacific Photovoltaic Solar Panel Sales by Application (2019-2024) & (US\$ Million)

Table 68. Latin America Photovoltaic Solar Panel Sales by Application (2019-2024) & (K sqm)

Table 69. Latin America Photovoltaic Solar Panel Sales by Application (2019-2024) & (US\$ Million)

Table 70. Middle East and Africa Photovoltaic Solar Panel Sales by Application (2019-2024) & (K sqm)

Table 71. Middle East and Africa Photovoltaic Solar Panel Sales by Application (2019-2024) & (US\$ Million)

- Table 72. Yingli Solar Company Information
- Table 73. Yingli Solar Business Overview
- Table 74. Yingli Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 75. Yingli Solar Photovoltaic Solar Panel Product Portfolio
- Table 76. Yingli Solar Recent Development
- Table 77. JA Solar Company Information
- Table 78. JA Solar Business Overview
- Table 79. JA Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 80. JA Solar Photovoltaic Solar Panel Product Portfolio
- Table 81. JA Solar Recent Development
- Table 82. Trina Solar Company Information
- Table 83. Trina Solar Business Overview
- Table 84. Trina Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 85. Trina Solar Photovoltaic Solar Panel Product Portfolio
- Table 86. Trina Solar Recent Development
- Table 87. ReneSola Company Information
- Table 88. ReneSola Business Overview
- Table 89. ReneSola Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 90. ReneSola Photovoltaic Solar Panel Product Portfolio
- Table 91. ReneSola Recent Development
- Table 92. Canadian Solar Company Information
- Table 93. Canadian Solar Business Overview
- Table 94. Canadian Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 95. Canadian Solar Photovoltaic Solar Panel Product Portfolio
- Table 96. Canadian Solar Recent Development
- Table 97. First Solar Company Information
- Table 98. First Solar Business Overview
- Table 99. First Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 100. First Solar Photovoltaic Solar Panel Product Portfolio
- Table 101. First Solar Recent Development
- Table 102. Sunpower Company Information
- Table 103. Sunpower Business Overview
- Table 104. Sunpower Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million),

Price (USD/sqm) and Gross Margin (2019-2024)

Table 105. Sunpower Photovoltaic Solar Panel Product Portfolio

Table 106. Sunpower Recent Development

Table 107. Sharp Solar Company Information

Table 108. Sharp Solar Business Overview

Table 109. Sharp Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 110. Sharp Solar Photovoltaic Solar Panel Product Portfolio

Table 111. Sharp Solar Recent Development

Table 112. Kyocera Company Information

Table 113. Kyocera Business Overview

Table 114. Kyocera Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 115. Kyocera Photovoltaic Solar Panel Product Portfolio

Table 116. Kyocera Recent Development

Table 117. REC Solar Company Information

Table 118. REC Solar Business Overview

Table 119. REC Solar Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 120. REC Solar Photovoltaic Solar Panel Product Portfolio

Table 121. REC Solar Recent Development

Table 122. Suntech Company Information

Table 123. Suntech Business Overview

Table 124. Suntech Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 125. Suntech Photovoltaic Solar Panel Product Portfolio

Table 126. Suntech Recent Development

Table 127. Linyang Company Information

Table 128. Linyang Business Overview

Table 129. Linyang Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 130. Linyang Photovoltaic Solar Panel Product Portfolio

Table 131. Linyang Recent Development

Table 132. CEEG Company Information

Table 133. CEEG Business Overview

Table 134. CEEG Photovoltaic Solar Panel Sales (K sqm), Revenue (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 135. CEEG Photovoltaic Solar Panel Product Portfolio

Table 136. CEEG Recent Development

Table 137. North America Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (K sqm): 2019 VS 2023 VS 2030

Table 138. North America Photovoltaic Solar Panel Sales by Country (2019-2024) & (K sqm)

Table 139. North America Photovoltaic Solar Panel Sales Market Share by Country (2019-2024)

Table 140. North America Photovoltaic Solar Panel Sales Forecast by Country (2025-2030) & (K sqm)

Table 141. North America Photovoltaic Solar Panel Sales Market Share Forecast by Country (2025-2030)

Table 142. North America Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 143. North America Photovoltaic Solar Panel Market Size by Country (2019-2024) & (US\$ Million)

Table 144. North America Photovoltaic Solar Panel Market Share by Country (2019-2024)

Table 145. North America Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 146. North America Photovoltaic Solar Panel Market Share Forecast by Country (2025-2030)

Table 147. Europe Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (K sqm): 2019 VS 2023 VS 2030

Table 148. Europe Photovoltaic Solar Panel Sales by Country (2019-2024) & (K sqm)

Table 149. Europe Photovoltaic Solar Panel Sales Market Share by Country (2019-2024)

Table 150. Europe Photovoltaic Solar Panel Sales Forecast by Country (2025-2030) & (K sqm)

Table 151. Europe Photovoltaic Solar Panel Sales Market Share Forecast by Country (2025-2030)

Table 152. Europe Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 153. Europe Photovoltaic Solar Panel Market Size by Country (2019-2024) & (US\$ Million)

Table 154. Europe Photovoltaic Solar Panel Market Share by Country (2019-2024)

Table 155. Europe Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 156. Europe Photovoltaic Solar Panel Market Share Forecast by Country (2025-2030)

Table 157. Asia-Pacific Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by

Country (K sqm): 2019 VS 2023 VS 2030

Table 158. Asia-Pacific Photovoltaic Solar Panel Sales by Country (2019-2024) & (K sqm)

Table 159. Asia-Pacific Photovoltaic Solar Panel Sales Market Share by Country (2019-2024)

Table 160. Asia-Pacific Photovoltaic Solar Panel Sales Forecast by Country (2025-2030) & (K sqm)

Table 161. Asia-Pacific Photovoltaic Solar Panel Sales Market Share Forecast by Country (2025-2030)

Table 162. Asia-Pacific Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 163. Asia-Pacific Photovoltaic Solar Panel Market Size by Country (2019-2024) & (US\$ Million)

Table 164. Asia-Pacific Photovoltaic Solar Panel Market Share by Country (2019-2024)

Table 165. Asia-Pacific Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 166. Asia-Pacific Photovoltaic Solar Panel Market Share Forecast by Country (2025-2030)

Table 167. Latin America Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (K sqm): 2019 VS 2023 VS 2030

Table 168. Latin America Photovoltaic Solar Panel Sales by Country (2019-2024) & (K sqm)

Table 169. Latin America Photovoltaic Solar Panel Sales Market Share by Country (2019-2024)

Table 170. Latin America Photovoltaic Solar Panel Sales Forecast by Country (2025-2030) & (K sqm)

Table 171. Latin America Photovoltaic Solar Panel Sales Market Share Forecast by Country (2025-2030)

Table 172. Latin America Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 173. Latin America Photovoltaic Solar Panel Market Size by Country (2019-2024) & (US\$ Million)

Table 174. Latin America Photovoltaic Solar Panel Market Share by Country (2019-2024)

Table 175. Latin America Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 176. Latin America Photovoltaic Solar Panel Market Share Forecast by Country (2025-2030)

Table 177. Middle East and Africa Photovoltaic Solar Panel Market Size Growth Rate

(CAGR) by Country (K sqm): 2019 VS 2023 VS 2030

Table 178. Middle East and Africa Photovoltaic Solar Panel Sales by Country (2019-2024) & (K sqm)

Table 179. Middle East and Africa Photovoltaic Solar Panel Sales Market Share by Country (2019-2024)

Table 180. Middle East and Africa Photovoltaic Solar Panel Sales Forecast by Country (2025-2030) & (K sqm)

Table 181. Middle East and Africa Photovoltaic Solar Panel Sales Market Share Forecast by Country (2025-2030)

Table 182. Middle East and Africa Photovoltaic Solar Panel Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 183. Middle East and Africa Photovoltaic Solar Panel Market Size by Country (2019-2024) & (US\$ Million)

Table 184. Middle East and Africa Photovoltaic Solar Panel Market Share by Country (2019-2024)

Table 185. Middle East and Africa Photovoltaic Solar Panel Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 186. Middle East and Africa Photovoltaic Solar Panel Market Share Forecast by Country (2025-2030)

Table 187. Key Raw Materials

Table 188. Raw Materials Key Suppliers

Table 189. Photovoltaic Solar Panel Distributors List

Table 190. Photovoltaic Solar Panel Customers List

Table 191. Research Programs/Design for This Report

Table 192. Authors List of This Report

Table 193. Secondary Sources

Table 194. Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. Photovoltaic Solar Panel Product Picture

Figure 2. Global Photovoltaic Solar Panel Market Size (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global Photovoltaic Solar Panel Market Size (2019-2030) & (US\$ Million)

Figure 4. Global Photovoltaic Solar Panel Sales (2019-2030) & (K sqm)

Figure 5. Product Picture of Mono- Photovoltaic Solar Pane

Figure 6. Global Mono- Photovoltaic Solar Pane Sales YoY Growth (2019-2030) & (K sqm)

Figure 7. Product Picture of Polycrystalline Photovoltaic Solar Panel

Figure 8. Global Polycrystalline Photovoltaic Solar Panel Sales YoY Growth (2019-2030) & (K sqm)

Figure 9. Product Picture of Thin film Photovoltaic Solar Panel

Figure 10. Global Thin film Photovoltaic Solar Panel Sales YoY Growth (2019-2030) & (K sqm)

Figure 11. Global Photovoltaic Solar Panel Market Size Overview by Type (2019-2030) & (US\$ Million)

Figure 12. Global Photovoltaic Solar Panel Market Share by Type 2023 VS 2030

Figure 13. North America Photovoltaic Solar Panel Sales Market Share in Volume by Type in 2023

Figure 14. North America Photovoltaic Solar Panel Sales Market Share in Value by Type in 2023

Figure 15. Europe Photovoltaic Solar Panel Sales Market Share in Volume by Type in 2023

Figure 16. Europe Photovoltaic Solar Panel Sales Market Share in Value by Type in 2023

Figure 17. Asia-Pacific Photovoltaic Solar Panel Sales Market Share in Volume by Type in 2023

Figure 18. Asia-Pacific Photovoltaic Solar Panel Sales Market Share in Value by Type in 2023

Figure 19. Latin America Photovoltaic Solar Panel Sales Market Share in Volume by Type in 2023

Figure 20. Latin America Photovoltaic Solar Panel Sales Market Share in Value by Type in 2023

Figure 21. Middle East and Africa Photovoltaic Solar Panel Sales Market Share in Volume by Type in 2023

Figure 22. Middle East and Africa Photovoltaic Solar Panel Sales Market Share in Value by Type in 2023

Figure 23. Global Top 5 and 10 Photovoltaic Solar Panel Players Market Share by Revenue in 2023

Figure 24. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 25. Product Picture of Home Use

Figure 26. Global Home Use Sales YoY Growth (2019-2030) & (K sqm)

Figure 27. Product Picture of Commercial Use

Figure 28. Global Commercial Use Sales YoY Growth (2019-2030) & (K sqm)

Figure 29. Global Photovoltaic Solar Panel Market Size Overview by Application (2019-2030) & (US\$ Million)

Figure 30. Global Photovoltaic Solar Panel Market Share by Application 2023 VS 2030

Figure 31. North America Photovoltaic Solar Panel Sales Market Share in Volume by Application in 2023

Figure 32. North America Photovoltaic Solar Panel Sales Market Share in Value by Application in 2023

Figure 33. Europe Photovoltaic Solar Panel Sales Market Share in Volume by Application in 2023

Figure 34. Europe Photovoltaic Solar Panel Sales Market Share in Value by Application in 2023

Figure 35. Asia-Pacific Photovoltaic Solar Panel Sales Market Share in Volume by Application in 2023

Figure 36. Asia-Pacific Photovoltaic Sol

I would like to order

Product name: Global Photovoltaic Solar Panel Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/G23BFE7FFFF4EN.html>

Price: US\$ 3,450.00 (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/G23BFE7FFFF4EN.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

