

Global Photovoltaic Solar Panel Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G50687242C7EEN.html>

Date: April 2024

Pages: 197

Price: US\$ 3,950.00 (Single User License)

ID: G50687242C7EEN

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 is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada 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.

The China 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.

In terms of production side, this report researches the Photovoltaic Solar Panel production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Photovoltaic Solar Panel by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Photovoltaic Solar Panel, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Photovoltaic Solar Panel, also provides the consumption of main regions and countries. Of the upcoming market potential for Photovoltaic Solar Panel, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Photovoltaic Solar Panel sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Photovoltaic Solar Panel market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Photovoltaic Solar Panel sales, projected growth trends, production technology, application and end-user

industry.

Photovoltaic Solar Panel segment by Company

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

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.

6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

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: Provides an overview of the Photovoltaic Solar Panel market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Photovoltaic Solar Panel industry.

Chapter 3: Detailed analysis of Photovoltaic Solar Panel market competition landscape. Including Photovoltaic Solar Panel manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

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

Chapter 7: Production/Production Value of Photovoltaic Solar Panel by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Photovoltaic Solar Panel in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: 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 Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Photovoltaic Solar Panel Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global Photovoltaic Solar Panel Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global Photovoltaic Solar Panel Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL PHOTOVOLTAIC SOLAR PANEL 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 PHOTOVOLTAIC SOLAR PANEL MARKET BY MANUFACTURERS

- 3.1 Global Photovoltaic Solar Panel Production Value by Manufacturers (2019-2024)
- 3.2 Global Photovoltaic Solar Panel Production by Manufacturers (2019-2024)
- 3.3 Global Photovoltaic Solar Panel Average Price by Manufacturers (2019-2024)
- 3.4 Global Photovoltaic Solar Panel Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Photovoltaic Solar Panel Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Photovoltaic Solar Panel Manufacturers, Product Type & Application
- 3.7 Global Photovoltaic Solar Panel Manufacturers 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 Production Value in 2023
 - 3.8.3 2023 Photovoltaic Solar Panel Tier 1, Tier 2, and Tier

4 PHOTOVOLTAIC SOLAR PANEL MARKET BY TYPE

4.1 Photovoltaic Solar Panel Type Introduction

- 4.1.1 Mono- Photovoltaic Solar Pane
- 4.1.2 Polycrystalline Photovoltaic Solar Panel
- 4.1.3 Thin film Photovoltaic Solar Panel

4.2 Global Photovoltaic Solar Panel Production by Type

- 4.2.1 Global Photovoltaic Solar Panel Production by Type (2019 VS 2023 VS 2030)
- 4.2.2 Global Photovoltaic Solar Panel Production by Type (2019-2030)
- 4.2.3 Global Photovoltaic Solar Panel Production Market Share by Type (2019-2030)

4.3 Global Photovoltaic Solar Panel Production Value by Type

- 4.3.1 Global Photovoltaic Solar Panel Production Value by Type (2019 VS 2023 VS 2030)
- 4.3.2 Global Photovoltaic Solar Panel Production Value by Type (2019-2030)
- 4.3.3 Global Photovoltaic Solar Panel Production Value Market Share by Type (2019-2030)

5 PHOTOVOLTAIC SOLAR PANEL MARKET BY APPLICATION

5.1 Photovoltaic Solar Panel Application Introduction

- 5.1.1 Home Use
- 5.1.2 Commercial Use

5.2 Global Photovoltaic Solar Panel Production by Application

- 5.2.1 Global Photovoltaic Solar Panel Production by Application (2019 VS 2023 VS 2030)
- 5.2.2 Global Photovoltaic Solar Panel Production by Application (2019-2030)
- 5.2.3 Global Photovoltaic Solar Panel Production Market Share by Application (2019-2030)

5.3 Global Photovoltaic Solar Panel Production Value by Application

- 5.3.1 Global Photovoltaic Solar Panel Production Value by Application (2019 VS 2023 VS 2030)
- 5.3.2 Global Photovoltaic Solar Panel Production Value by Application (2019-2030)
- 5.3.3 Global Photovoltaic Solar Panel Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

6.1 Yingli Solar

- 6.1.1 Yingli Solar Comapny Information
- 6.1.2 Yingli Solar Business Overview
- 6.1.3 Yingli Solar Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.2.2 JA Solar Business Overview
 - 6.2.3 JA Solar Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.3.2 Trina Solar Business Overview
 - 6.3.3 Trina Solar Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.4.2 ReneSola Business Overview
 - 6.4.3 ReneSola Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.5.2 Canadian Solar Business Overview
 - 6.5.3 Canadian Solar Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.6.2 First Solar Business Overview
 - 6.6.3 First Solar Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.7.2 Sunpower Business Overview
 - 6.7.3 Sunpower Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.8.2 Sharp Solar Business Overview
 - 6.8.3 Sharp Solar Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.9.2 Kyocera Business Overview
 - 6.9.3 Kyocera Photovoltaic Solar Panel Production, Value 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 Comapny Information
 - 6.10.2 REC Solar Business Overview
 - 6.10.3 REC Solar Photovoltaic Solar Panel Production, Value 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 Production, Value 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 Production, Value 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 Company Information
 - 6.13.2 CEEG Business Overview
 - 6.13.3 CEEG Photovoltaic Solar Panel Production, Value and Gross Margin (2019-2024)
 - 6.13.4 CEEG Photovoltaic Solar Panel Product Portfolio
 - 6.13.5 CEEG Recent Developments

7 GLOBAL PHOTOVOLTAIC SOLAR PANEL PRODUCTION BY REGION

- 7.1 Global Photovoltaic Solar Panel Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global Photovoltaic Solar Panel Production by Region (2019-2030)
 - 7.2.1 Global Photovoltaic Solar Panel Production by Region: 2019-2024
 - 7.2.2 Global Photovoltaic Solar Panel Production by Region (2025-2030)
- 7.3 Global Photovoltaic Solar Panel Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global Photovoltaic Solar Panel Production Value by Region (2019-2030)
 - 7.4.1 Global Photovoltaic Solar Panel Production Value by Region: 2019-2024
 - 7.4.2 Global Photovoltaic Solar Panel Production Value by Region (2025-2030)
- 7.5 Global Photovoltaic Solar Panel Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
 - 7.6.1 North America Photovoltaic Solar Panel Production Value (2019-2030)
 - 7.6.2 Europe Photovoltaic Solar Panel Production Value (2019-2030)
 - 7.6.3 Asia-Pacific Photovoltaic Solar Panel Production Value (2019-2030)
 - 7.6.4 Latin America Photovoltaic Solar Panel Production Value (2019-2030)
 - 7.6.5 Middle East & Africa Photovoltaic Solar Panel Production Value (2019-2030)

8 GLOBAL PHOTOVOLTAIC SOLAR PANEL CONSUMPTION BY REGION

- 8.1 Global Photovoltaic Solar Panel Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global Photovoltaic Solar Panel Consumption by Region (2019-2030)
 - 8.2.1 Global Photovoltaic Solar Panel Consumption by Region (2019-2024)
 - 8.2.2 Global Photovoltaic Solar Panel Consumption by Region (2025-2030)
- 8.3 North America
 - 8.3.1 North America Photovoltaic Solar Panel Consumption Growth Rate by Country:

2019 VS 2023 VS 2030

8.3.2 North America Photovoltaic Solar Panel Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe Photovoltaic Solar Panel Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific Photovoltaic Solar Panel Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Photovoltaic Solar Panel Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 Photovoltaic Solar Panel Value Chain Analysis

9.1.1 Photovoltaic Solar Panel Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Photovoltaic Solar Panel Production Mode & Process

9.2 Photovoltaic Solar Panel Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Photovoltaic Solar Panel Distributors

9.2.3 Photovoltaic Solar Panel Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Photovoltaic Solar Panel Industry Trends
- Table 2. Photovoltaic Solar Panel Industry Drivers
- Table 3. Photovoltaic Solar Panel Industry Opportunities and Challenges
- Table 4. Photovoltaic Solar Panel Industry Restraints
- Table 5. Global Photovoltaic Solar Panel Production Value by Manufacturers (US\$ Million) & (2019-2024)
- Table 6. Global Photovoltaic Solar Panel Production Value Market Share by Manufacturers (2019-2024)
- Table 7. Global Photovoltaic Solar Panel Production by Manufacturers (K sqm) & (2019-2024)
- Table 8. Global Photovoltaic Solar Panel Production Market Share by Manufacturers
- Table 9. Global Photovoltaic Solar Panel Average Price (USD/sqm) of Manufacturers (2019-2024)
- Table 10. Global Photovoltaic Solar Panel Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- Table 11. Global Photovoltaic Solar Panel Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- Table 12. Global Photovoltaic Solar Panel Key Manufacturers Manufacturing Sites & Headquarters
- Table 13. Global Photovoltaic Solar Panel Manufacturers, Product Type & Application
- Table 14. Global Photovoltaic Solar Panel Manufacturers Commercialization Time
- Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 16. Global Photovoltaic Solar Panel by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)
- Table 17. Major Manufacturers of Mono- Photovoltaic Solar Pane
- Table 18. Major Manufacturers of Polycrystalline Photovoltaic Solar Panel
- Table 19. Major Manufacturers of Thin film Photovoltaic Solar Panel
- Table 20. Global Photovoltaic Solar Panel Production by type 2019 VS 2023 VS 2030 (K sqm)
- Table 21. Global Photovoltaic Solar Panel Production by type (2019-2024) & (K sqm)
- Table 22. Global Photovoltaic Solar Panel Production by type (2025-2030) & (K sqm)
- Table 23. Global Photovoltaic Solar Panel Production Market Share by type (2019-2024)
- Table 24. Global Photovoltaic Solar Panel Production Market Share by type (2025-2030)

Table 25. Global Photovoltaic Solar Panel Production Value by type 2019 VS 2023 VS 2030 (K sqm)

Table 26. Global Photovoltaic Solar Panel Production Value by type (2019-2024) & (K sqm)

Table 27. Global Photovoltaic Solar Panel Production Value by type (2025-2030) & (K sqm)

Table 28. Global Photovoltaic Solar Panel Production Value Market Share by type (2019-2024)

Table 29. Global Photovoltaic Solar Panel Production Value Market Share by type (2025-2030)

Table 30. Major Manufacturers of Home Use

Table 31. Major Manufacturers of Commercial Use

Table 32. Global Photovoltaic Solar Panel Production by application 2019 VS 2023 VS 2030 (K sqm)

Table 33. Global Photovoltaic Solar Panel Production by application (2019-2024) & (K sqm)

Table 34. Global Photovoltaic Solar Panel Production by application (2025-2030) & (K sqm)

Table 35. Global Photovoltaic Solar Panel Production Market Share by application (2019-2024)

Table 36. Global Photovoltaic Solar Panel Production Market Share by application (2025-2030)

Table 37. Global Photovoltaic Solar Panel Production Value by application 2019 VS 2023 VS 2030 (K sqm)

Table 38. Global Photovoltaic Solar Panel Production Value by application (2019-2024) & (K sqm)

Table 39. Global Photovoltaic Solar Panel Production Value by application (2025-2030) & (K sqm)

Table 40. Global Photovoltaic Solar Panel Production Value Market Share by application (2019-2024)

Table 41. Global Photovoltaic Solar Panel Production Value Market Share by application (2025-2030)

Table 42. Yingli Solar Company Information

Table 43. Yingli Solar Business Overview

Table 44. Yingli Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 45. Yingli Solar Photovoltaic Solar Panel Product Portfolio

Table 46. Yingli Solar Recent Development

Table 47. JA Solar Company Information

Table 48. JA Solar Business Overview

Table 49. JA Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 50. JA Solar Photovoltaic Solar Panel Product Portfolio

Table 51. JA Solar Recent Development

Table 52. Trina Solar Company Information

Table 53. Trina Solar Business Overview

Table 54. Trina Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 55. Trina Solar Photovoltaic Solar Panel Product Portfolio

Table 56. Trina Solar Recent Development

Table 57. ReneSola Company Information

Table 58. ReneSola Business Overview

Table 59. ReneSola Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 60. ReneSola Photovoltaic Solar Panel Product Portfolio

Table 61. ReneSola Recent Development

Table 62. Canadian Solar Company Information

Table 63. Canadian Solar Business Overview

Table 64. Canadian Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 65. Canadian Solar Photovoltaic Solar Panel Product Portfolio

Table 66. Canadian Solar Recent Development

Table 67. First Solar Company Information

Table 68. First Solar Business Overview

Table 69. First Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 70. First Solar Photovoltaic Solar Panel Product Portfolio

Table 71. First Solar Recent Development

Table 72. Sunpower Company Information

Table 73. Sunpower Business Overview

Table 74. Sunpower Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 75. Sunpower Photovoltaic Solar Panel Product Portfolio

Table 76. Sunpower Recent Development

Table 77. Sharp Solar Company Information

Table 78. Sharp Solar Business Overview

Table 79. Sharp Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

- Table 80. Sharp Solar Photovoltaic Solar Panel Product Portfolio
- Table 81. Sharp Solar Recent Development
- Table 82. Kyocera Company Information
- Table 83. Kyocera Business Overview
- Table 84. Kyocera Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 85. Kyocera Photovoltaic Solar Panel Product Portfolio
- Table 86. Kyocera Recent Development
- Table 87. REC Solar Company Information
- Table 88. REC Solar Business Overview
- Table 89. REC Solar Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 90. REC Solar Photovoltaic Solar Panel Product Portfolio
- Table 91. REC Solar Recent Development
- Table 92. Suntech Company Information
- Table 93. Suntech Business Overview
- Table 94. Suntech Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 95. Suntech Photovoltaic Solar Panel Product Portfolio
- Table 96. Suntech Recent Development
- Table 97. Linyang Company Information
- Table 98. Linyang Business Overview
- Table 99. Linyang Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 100. Linyang Photovoltaic Solar Panel Product Portfolio
- Table 101. Linyang Recent Development
- Table 102. CEEG Company Information
- Table 103. CEEG Business Overview
- Table 104. CEEG Photovoltaic Solar Panel Production (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 105. CEEG Photovoltaic Solar Panel Product Portfolio
- Table 106. CEEG Recent Development
- Table 107. Global Photovoltaic Solar Panel Production by Region: 2019 VS 2023 VS 2030 (K sqm)
- Table 108. Global Photovoltaic Solar Panel Production by Region (2019-2024) & (K sqm)
- Table 109. Global Photovoltaic Solar Panel Production Market Share by Region (2019-2024)
- Table 110. Global Photovoltaic Solar Panel Production Forecast by Region (2025-2030)

& (K sqm)

Table 111. Global Photovoltaic Solar Panel Production Market Share Forecast by Region (2025-2030)

Table 112. Global Photovoltaic Solar Panel Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 113. Global Photovoltaic Solar Panel Production Value by Region (2019-2024) & (US\$ Million)

Table 114. Global Photovoltaic Solar Panel Production Value Forecast by Region (2025-2030) & (US\$ Million)

Table 115. Global Photovoltaic Solar Panel Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)

Table 116. Global Photovoltaic Solar Panel Market Average Price (USD/sqm) by Region (2019-2024)

Table 117. Global Photovoltaic Solar Panel Market Average Price (USD/sqm) by Region (2025-2030)

Table 118. Global Photovoltaic Solar Panel Consumption by Region: 2019 VS 2023 VS 2030 (K sqm)

Table 119. Global Photovoltaic Solar Panel Consumption by Region (2019-2024) & (K sqm)

Table 120. Global Photovoltaic Solar Panel Consumption Market Share by Region (2019-2024)

Table 121. Global Photovoltaic Solar Panel Consumption Forecasted by Region (2025-2030) & (K sqm)

Table 122. Global Photovoltaic Solar Panel Consumption Forecasted Market Share by Region (2025-2030)

Table 123. North America Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K sqm)

Table 124. North America Photovoltaic Solar Panel Consumption by Country (2019-2024) & (K sqm)

Table 125. North America Photovoltaic Solar Panel Consumption by Country (2025-2030) & (K sqm)

Table 126. Europe Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K sqm)

Table 127. Europe Photovoltaic Solar Panel Consumption by Country (2019-2024) & (K sqm)

Table 128. Europe Photovoltaic Solar Panel Consumption by Country (2025-2030) & (K sqm)

Table 129. Asia Pacific Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K sqm)

Table 130. Asia Pacific Photovoltaic Solar Panel Consumption by Country (2019-2024) & (K sqm)

Table 131. Asia Pacific Photovoltaic Solar Panel Consumption by Country (2025-2030) & (K sqm)

Table 132. LAMEA Photovoltaic Solar Panel Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (K sqm)

Table 133. LAMEA Photovoltaic Solar Panel Consumption by Country (2019-2024) & (K sqm)

Table 134. LAMEA Photovoltaic Solar Panel Consumption by Country (2025-2030) & (K sqm)

Table 135. Key Raw Materials

Table 136. Raw Materials Key Suppliers

Table 137. Photovoltaic Solar Panel Distributors List

Table 138. Photovoltaic Solar Panel Customers List

Table 139. Research Programs/Design for This Report

Table 140. Authors List of This Report

Table 141. Secondary Sources

Table 142. Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. Photovoltaic Solar Panel Product Picture

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

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

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

Figure 5. Global Photovoltaic Solar Panel Production (2019-2030) & (K sqm)

Figure 6. Global Photovoltaic Solar Panel Average Price (USD/sqm) & (2019-2030)

Figure 7. Global Top 5 and 10 Photovoltaic Solar Panel Players Market Share by Production Value in 2023

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 9. Mono- Photovoltaic Solar Pane Picture

Figure 10. Polycrystalline Photovoltaic Solar Panel Picture

Figure 11. Thin film Photovoltaic Solar Panel Picture

Figure 12. Global Photovoltaic Solar Panel Production by Type (2019 VS 2023 VS 2030) & (K sqm)

Figure 13. Global Photovoltaic Solar Panel Production Market Share 2019 VS 2023 VS 2030

Figure 14. Global Photovoltaic Solar Panel Production Market Share by Type (2019-2030)

Figure 15. Global Photovoltaic Solar Panel Production Value by Type (2019 VS 2023 VS 2030) & (K sqm)

Figure 16. Global Photovoltaic Solar Panel Production Value Share 2019 VS 2023 VS 2030

Figure 17. Global Photovoltaic Solar Panel Production Value Share by Type (2019-2030)

Figure 18. Home Use Picture

Figure 19. Commercial Use Picture

Figure 20. Global Photovoltaic Solar Panel Production by Application (2019 VS 2023 VS 2030) & (K sqm)

Figure 21. Global Photovoltaic Solar Panel Production Market Share 2019 VS 2023 VS 2030

Figure 22. Global Photovoltaic Solar Panel Production Market Share by Application (2019-2030)

Figure 23. Global Photovoltaic Solar Panel Production Value by Application (2019 VS 2023 VS 2030) & (K sqm)

Figure 24. Global Photovoltaic Solar Panel Production Value Share 2019 VS 2023 VS 2030

Figure 25. Global Photovoltaic Solar Panel Production Value Share by Application (2019-2030)

Figure 26. Global Photovoltaic Solar Panel Production by Region: 2019 VS 2023 VS 2030 (K sqm)

Figure 27. Global Photovoltaic Solar Panel Production Market Share by Region: 2019 VS 2023 VS 2030

Figure 28. Global Photovoltaic Solar Panel Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 29. Global Photovoltaic Solar Panel Production Value Share by Region: 2019 VS 2023 VS 2030

Figure 30. North America Photovoltaic Solar Panel Production Value (2019-2030) & (US\$ Million)

Figure 31. Europe Photovoltaic Solar Panel Production Value (2019-2030) & (US\$ Million)

Figure 32. Asia-Pacific Photovoltaic Solar Panel Production Value (2019-2030) & (US\$ Million)

Figure 33. Latin America Photovoltaic Solar Panel Production Value (2019-2030) & (US\$ Million)

Figure 34. Middle East & Africa Photovoltaic Solar Panel Production Value (2019-2030) & (US\$ Million)

Figure 35. North America Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 36. North America Photovoltaic Solar Panel Consumption Market Share by Country (2019-2030)

Figure 37. U.S. Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 38. Canada Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 39. Europe Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 40. Europe Photovoltaic Solar Panel Consumption Market Share by Country (2019-2030)

Figure 41. Germany Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 42. France Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 43. U.K. Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) &

(K sqm)

Figure 44. Italy Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 45. Netherlands Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 46. Asia Pacific Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 47. Asia Pacific Photovoltaic Solar Panel Consumption Market Share by Country (2019-2030)

Figure 48. China Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 49. Japan Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 50. South Korea Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 51. Southeast Asia Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 52. India Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 53. Australia Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 54. LAMEA Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 55. LAMEA Photovoltaic Solar Panel Consumption Market Share by Country (2019-2030)

Figure 56. Mexico Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 57. Brazil Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 58. Turkey Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 59. GCC Countries Photovoltaic Solar Panel Consumption and Growth Rate (2019-2030) & (K sqm)

Figure 60. Photovoltaic Solar Panel Value Chain

Figure 61. Manufacturing Cost Structure

Figure 62. Photovoltaic Solar Panel Production Mode & Process

Figure 63. Direct Comparison with Distribution Share

Figure 64. Distributors Profiles

Figure 65. Years Considered

Figure 66. Research Process

Figure 67. Key Executives Interviewed

I would like to order

Product name: Global Photovoltaic Solar Panel Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/G50687242C7EEN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G50687242C7EEN.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

