

# Global Photovoltaic Solar Panel Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

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## 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.

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.

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.

This report presents an overview of global market for Photovoltaic Solar Panel, sales, 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 sales 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 Photovoltaic Solar Panel status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, 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 Photovoltaic Solar Panel market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Photovoltaic Solar Panel significant trends, drivers, influence factors in global and regions.
6. To analyze Photovoltaic Solar Panel 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 sales 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, sales value, sales volume, 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 manufacturers competitive landscape, price, sales and revenue market share, latest development plan, 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: Sales and value 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 market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Photovoltaic Solar Panel in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Photovoltaic Solar Panel Sales Value (2019-2030)
  - 1.2.2 Global Photovoltaic Solar Panel Sales Volume (2019-2030)
  - 1.2.3 Global Photovoltaic Solar Panel Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### **2 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 COMPANY**

- 3.1 Global Photovoltaic Solar Panel Company Revenue Ranking in 2023
- 3.2 Global Photovoltaic Solar Panel Revenue by Company (2019-2024)
- 3.3 Global Photovoltaic Solar Panel Sales Volume by Company (2019-2024)
- 3.4 Global Photovoltaic Solar Panel Average Price by Company (2019-2024)
- 3.5 Global Photovoltaic Solar Panel Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Photovoltaic Solar Panel Company Manufacturing Base & Headquarters
- 3.7 Global Photovoltaic Solar Panel Company, Product Type & Application
- 3.8 Global Photovoltaic Solar Panel Company Commercialization Time
- 3.9 Market Competitive Analysis
  - 3.9.1 Global Photovoltaic Solar Panel Market CR5 and HHI
  - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
  - 3.9.3 2023 Photovoltaic Solar Panel Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

### **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 Sales Volume by Type
  - 4.2.1 Global Photovoltaic Solar Panel Sales Volume by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global Photovoltaic Solar Panel Sales Volume by Type (2019-2030)
  - 4.2.3 Global Photovoltaic Solar Panel Sales Volume Share by Type (2019-2030)
- 4.3 Global Photovoltaic Solar Panel Sales Value by Type
  - 4.3.1 Global Photovoltaic Solar Panel Sales Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global Photovoltaic Solar Panel Sales Value by Type (2019-2030)
  - 4.3.3 Global Photovoltaic Solar Panel Sales Value 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 Sales Volume by Application
  - 5.2.1 Global Photovoltaic Solar Panel Sales Volume by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global Photovoltaic Solar Panel Sales Volume by Application (2019-2030)
  - 5.2.3 Global Photovoltaic Solar Panel Sales Volume Share by Application (2019-2030)
- 5.3 Global Photovoltaic Solar Panel Sales Value by Application
  - 5.3.1 Global Photovoltaic Solar Panel Sales Value by Application (2019 VS 2023 VS 2030)
  - 5.3.2 Global Photovoltaic Solar Panel Sales Value by Application (2019-2030)
  - 5.3.3 Global Photovoltaic Solar Panel Sales Value Share by Application (2019-2030)

## **6 PHOTOVOLTAIC SOLAR PANEL MARKET BY REGION**

- 6.1 Global Photovoltaic Solar Panel Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Photovoltaic Solar Panel Sales by Region (2019-2030)
  - 6.2.1 Global Photovoltaic Solar Panel Sales by Region: 2019-2024
  - 6.2.2 Global Photovoltaic Solar Panel Sales by Region (2025-2030)
- 6.3 Global Photovoltaic Solar Panel Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Photovoltaic Solar Panel Sales Value by Region (2019-2030)
  - 6.4.1 Global Photovoltaic Solar Panel Sales Value by Region: 2019-2024
  - 6.4.2 Global Photovoltaic Solar Panel Sales Value by Region (2025-2030)
- 6.5 Global Photovoltaic Solar Panel Market Price Analysis by Region (2019-2024)
- 6.6 North America

6.6.1 North America Photovoltaic Solar Panel Sales Value (2019-2030)

6.6.2 North America Photovoltaic Solar Panel Sales Value Share by Country, 2023 VS 2030

6.7 Europe

6.7.1 Europe Photovoltaic Solar Panel Sales Value (2019-2030)

6.7.2 Europe Photovoltaic Solar Panel Sales Value Share by Country, 2023 VS 2030

6.8 Asia-Pacific

6.8.1 Asia-Pacific Photovoltaic Solar Panel Sales Value (2019-2030)

6.8.2 Asia-Pacific Photovoltaic Solar Panel Sales Value Share by Country, 2023 VS 2030

6.9 Latin America

6.9.1 Latin America Photovoltaic Solar Panel Sales Value (2019-2030)

6.9.2 Latin America Photovoltaic Solar Panel Sales Value Share by Country, 2023 VS 2030

6.10 Middle East & Africa

6.10.1 Middle East & Africa Photovoltaic Solar Panel Sales Value (2019-2030)

6.10.2 Middle East & Africa Photovoltaic Solar Panel Sales Value Share by Country, 2023 VS 2030

## **7 PHOTOVOLTAIC SOLAR PANEL MARKET BY COUNTRY**

7.1 Global Photovoltaic Solar Panel Sales by Country: 2019 VS 2023 VS 2030

7.2 Global Photovoltaic Solar Panel Sales Value by Country: 2019 VS 2023 VS 2030

7.3 Global Photovoltaic Solar Panel Sales by Country (2019-2030)

7.3.1 Global Photovoltaic Solar Panel Sales by Country (2019-2024)

7.3.2 Global Photovoltaic Solar Panel Sales by Country (2025-2030)

7.4 Global Photovoltaic Solar Panel Sales Value by Country (2019-2030)

7.4.1 Global Photovoltaic Solar Panel Sales Value by Country (2019-2024)

7.4.2 Global Photovoltaic Solar Panel Sales Value by Country (2025-2030)

7.5 USA

7.5.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.5.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.5.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

7.6 Canada

7.6.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.6.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.6.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.7 Germany

7.7.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.7.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.7.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.8 France

7.8.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.8.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.8.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.9 U.K.

7.9.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.9.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.9.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.10 Italy

7.10.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.10.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.10.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.11 Netherlands

7.11.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.11.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.11.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.12 Nordic Countries

7.12.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.12.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.12.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.13 China

7.13.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.13.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.13.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 7.14 Japan

7.14.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.14.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.14.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## 2030

### 7.15 South Korea

7.15.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.15.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.15.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.16 Southeast Asia

7.16.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.16.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.16.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.17 India

7.17.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.17.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.17.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.18 Australia

7.18.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.18.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.18.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.19 Mexico

7.19.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.19.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.19.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.20 Brazil

7.20.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.20.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.20.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.21 Turkey

7.21.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.21.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.21.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS

## 2030

### 7.22 Saudi Arabia

7.22.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.22.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.22.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

7.23 UAE

7.23.1 Global Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030)

7.23.2 Global Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030

7.23.3 Global Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030

## **8 COMPANY PROFILES**

8.1 Yingli Solar

8.1.1 Yingli Solar Company Information

8.1.2 Yingli Solar Business Overview

8.1.3 Yingli Solar Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.1.4 Yingli Solar Photovoltaic Solar Panel Product Portfolio

8.1.5 Yingli Solar Recent Developments

8.2 JA Solar

8.2.1 JA Solar Company Information

8.2.2 JA Solar Business Overview

8.2.3 JA Solar Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.2.4 JA Solar Photovoltaic Solar Panel Product Portfolio

8.2.5 JA Solar Recent Developments

8.3 Trina Solar

8.3.1 Trina Solar Company Information

8.3.2 Trina Solar Business Overview

8.3.3 Trina Solar Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.3.4 Trina Solar Photovoltaic Solar Panel Product Portfolio

8.3.5 Trina Solar Recent Developments

8.4 ReneSola

8.4.1 ReneSola Company Information

8.4.2 ReneSola Business Overview

8.4.3 ReneSola Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.4.4 ReneSola Photovoltaic Solar Panel Product Portfolio

8.4.5 ReneSola Recent Developments

8.5 Canadian Solar

8.5.1 Canadian Solar Company Information

8.5.2 Canadian Solar Business Overview

8.5.3 Canadian Solar Photovoltaic Solar Panel Sales, Value and Gross Margin

(2019-2024)

8.5.4 Canadian Solar Photovoltaic Solar Panel Product Portfolio

8.5.5 Canadian Solar Recent Developments

8.6 First Solar

8.6.1 First Solar Company Information

8.6.2 First Solar Business Overview

8.6.3 First Solar Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.6.4 First Solar Photovoltaic Solar Panel Product Portfolio

8.6.5 First Solar Recent Developments

8.7 Sunpower

8.7.1 Sunpower Company Information

8.7.2 Sunpower Business Overview

8.7.3 Sunpower Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.7.4 Sunpower Photovoltaic Solar Panel Product Portfolio

8.7.5 Sunpower Recent Developments

8.8 Sharp Solar

8.8.1 Sharp Solar Company Information

8.8.2 Sharp Solar Business Overview

8.8.3 Sharp Solar Photovoltaic Solar Panel Sales, Value and Gross Margin

(2019-2024)

8.8.4 Sharp Solar Photovoltaic Solar Panel Product Portfolio

8.8.5 Sharp Solar Recent Developments

8.9 Kyocera

8.9.1 Kyocera Company Information

8.9.2 Kyocera Business Overview

8.9.3 Kyocera Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)

8.9.4 Kyocera Photovoltaic Solar Panel Product Portfolio

8.9.5 Kyocera Recent Developments

8.10 REC Solar

8.10.1 REC Solar Company Information

8.10.2 REC Solar Business Overview

8.10.3 REC Solar Photovoltaic Solar Panel Sales, Value and Gross Margin

(2019-2024)

8.10.4 REC Solar Photovoltaic Solar Panel Product Portfolio

8.10.5 REC Solar Recent Developments

8.11 Suntech

8.11.1 Suntech Company Information

8.11.2 Suntech Business Overview

8.11.3 Suntech Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)



- 8.11.4 Suntech Photovoltaic Solar Panel Product Portfolio
- 8.11.5 Suntech Recent Developments
- 8.12 Linyang
  - 8.12.1 Linyang Company Information
  - 8.12.2 Linyang Business Overview
  - 8.12.3 Linyang Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)
  - 8.12.4 Linyang Photovoltaic Solar Panel Product Portfolio
  - 8.12.5 Linyang Recent Developments
- 8.13 CEEG
  - 8.13.1 CEEG Company Information
  - 8.13.2 CEEG Business Overview
  - 8.13.3 CEEG Photovoltaic Solar Panel Sales, Value and Gross Margin (2019-2024)
  - 8.13.4 CEEG Photovoltaic Solar Panel Product Portfolio
  - 8.13.5 CEEG Recent Developments

## **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 Sales 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

## 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 Revenue by Company (US\$ Million) & (2019-2024)

Table 6. Global Photovoltaic Solar Panel Revenue Share by Company (2019-2024)

Table 7. Global Photovoltaic Solar Panel Sales Volume by Company (K sqm) & (2019-2024)

Table 8. Global Photovoltaic Solar Panel Sales Volume Share by Company (2019-2024)

Table 9. Global Photovoltaic Solar Panel Average Price (USD/sqm) of Company (2019-2024)

Table 10. Global Photovoltaic Solar Panel Company Ranking, 2022 VS 2023 VS 2024 & (US\$ Million)

Table 11. Global Photovoltaic Solar Panel Key Company Manufacturing Base & Headquarters

Table 12. Global Photovoltaic Solar Panel Company, Product Type & Application

Table 13. Global Photovoltaic Solar Panel Company Commercialization Time

Table 14. Global Company Market Concentration Ratio (CR5 and HHI)

Table 15. Global Photovoltaic Solar Panel by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on Revenue of 2023)

Table 16. Mergers & Acquisitions, Expansion

Table 17. Major Companies of Mono- Photovoltaic Solar Pane

Table 18. Major Companies of Polycrystalline Photovoltaic Solar Panel

Table 19. Major Companies of Thin film Photovoltaic Solar Panel

Table 20. Global Photovoltaic Solar Panel Sales Volume by Type 2019 VS 2023 VS 2030 (K sqm)

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

Table 22. Global Photovoltaic Solar Panel Sales Volume by Type (2025-2030) & (K sqm)

Table 23. Global Photovoltaic Solar Panel Sales Volume Share by Type (2019-2024)

Table 24. Global Photovoltaic Solar Panel Sales Volume Share by Type (2025-2030)

Table 25. Global Photovoltaic Solar Panel Sales Value by Type 2019 VS 2023 VS 2030 (US\$ Million)



Table 26. Global Photovoltaic Solar Panel Sales Value by Type (2019-2024) & (US\$ Million)

Table 27. Global Photovoltaic Solar Panel Sales Value by Type (2025-2030) & (US\$ Million)

Table 28. Global Photovoltaic Solar Panel Sales Value Share by Type (2019-2024)

Table 29. Global Photovoltaic Solar Panel Sales Value Share by Type (2025-2030)

Table 30. Major Companies of Home Use

Table 31. Major Companies of Commercial Use

Table 32. Global Photovoltaic Solar Panel Sales Volume by Application 2019 VS 2023 VS 2030 (K sqm)

Table 33. Global Photovoltaic Solar Panel Sales Volume by Application (2019-2024) & (K sqm)

Table 34. Global Photovoltaic Solar Panel Sales Volume by Application (2025-2030) & (K sqm)

Table 35. Global Photovoltaic Solar Panel Sales Volume Share by Application (2019-2024)

Table 36. Global Photovoltaic Solar Panel Sales Volume Share by Application (2025-2030)

Table 37. Global Photovoltaic Solar Panel Sales Value by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 38. Global Photovoltaic Solar Panel Sales Value by Application (2019-2024) & (US\$ Million)

Table 39. Global Photovoltaic Solar Panel Sales Value by Application (2025-2030) & (US\$ Million)

Table 40. Global Photovoltaic Solar Panel Sales Value Share by Application (2019-2024)

Table 41. Global Photovoltaic Solar Panel Sales Value Share by Application (2025-2030)

Table 42. Global Photovoltaic Solar Panel Sales by Region: 2019 VS 2023 VS 2030 (K sqm)

Table 43. Global Photovoltaic Solar Panel Sales by Region (2019-2024) & (K sqm)

Table 44. Global Photovoltaic Solar Panel Sales Market Share by Region (2019-2024)

Table 45. Global Photovoltaic Solar Panel Sales by Region (2025-2030) & (K sqm)

Table 46. Global Photovoltaic Solar Panel Sales Market Share by Region (2025-2030)

Table 47. Global Photovoltaic Solar Panel Sales Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 48. Global Photovoltaic Solar Panel Sales Value by Region (2019-2024) & (US\$ Million)

Table 49. Global Photovoltaic Solar Panel Sales Value Share by Region (2019-2024)

Table 50. Global Photovoltaic Solar Panel Sales Value by Region (2025-2030) & (US\$ Million)

Table 51. Global Photovoltaic Solar Panel Sales Value Share by Region (2025-2030)

Table 52. Global Photovoltaic Solar Panel Market Average Price (USD/sqm) by Region (2019-2024)

Table 53. Global Photovoltaic Solar Panel Market Average Price (USD/sqm) by Region (2025-2030)

Table 54. Global Photovoltaic Solar Panel Sales by Country: 2019 VS 2023 VS 2030 (K sqm)

Table 55. Global Photovoltaic Solar Panel Sales Value by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Table 56. Global Photovoltaic Solar Panel Sales by Country (2019-2024) & (K sqm)

Table 57. Global Photovoltaic Solar Panel Sales Market Share by Country (2019-2024)

Table 58. Global Photovoltaic Solar Panel Sales by Country (2025-2030) & (K sqm)

Table 59. Global Photovoltaic Solar Panel Sales Market Share by Country (2025-2030)

Table 60. Global Photovoltaic Solar Panel Sales Value by Country (2019-2024) & (US\$ Million)

Table 61. Global Photovoltaic Solar Panel Sales Value Market Share by Country (2019-2024)

Table 62. Global Photovoltaic Solar Panel Sales Value by Country (2025-2030) & (US\$ Million)

Table 63. Global Photovoltaic Solar Panel Sales Value Market Share by Country (2025-2030)

Table 64. Yingli Solar Company Information

Table 65. Yingli Solar Business Overview

Table 66. Yingli Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 67. Yingli Solar Photovoltaic Solar Panel Product Portfolio

Table 68. Yingli Solar Recent Development

Table 69. JA Solar Company Information

Table 70. JA Solar Business Overview

Table 71. JA Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 72. JA Solar Photovoltaic Solar Panel Product Portfolio

Table 73. JA Solar Recent Development

Table 74. Trina Solar Company Information

Table 75. Trina Solar Business Overview

Table 76. Trina Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 77. Trina Solar Photovoltaic Solar Panel Product Portfolio

Table 78. Trina Solar Recent Development

Table 79. ReneSola Company Information

Table 80. ReneSola Business Overview

Table 81. ReneSola Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 82. ReneSola Photovoltaic Solar Panel Product Portfolio

Table 83. ReneSola Recent Development

Table 84. Canadian Solar Company Information

Table 85. Canadian Solar Business Overview

Table 86. Canadian Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 87. Canadian Solar Photovoltaic Solar Panel Product Portfolio

Table 88. Canadian Solar Recent Development

Table 89. First Solar Company Information

Table 90. First Solar Business Overview

Table 91. First Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 92. First Solar Photovoltaic Solar Panel Product Portfolio

Table 93. First Solar Recent Development

Table 94. Sunpower Company Information

Table 95. Sunpower Business Overview

Table 96. Sunpower Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 97. Sunpower Photovoltaic Solar Panel Product Portfolio

Table 98. Sunpower Recent Development

Table 99. Sharp Solar Company Information

Table 100. Sharp Solar Business Overview

Table 101. Sharp Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 102. Sharp Solar Photovoltaic Solar Panel Product Portfolio

Table 103. Sharp Solar Recent Development

Table 104. Kyocera Company Information

Table 105. Kyocera Business Overview

Table 106. Kyocera Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)

Table 107. Kyocera Photovoltaic Solar Panel Product Portfolio

Table 108. Kyocera Recent Development

Table 109. REC Solar Company Information

- Table 110. REC Solar Business Overview
- Table 111. REC Solar Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 112. REC Solar Photovoltaic Solar Panel Product Portfolio
- Table 113. REC Solar Recent Development
- Table 114. Suntech Company Information
- Table 115. Suntech Business Overview
- Table 116. Suntech Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 117. Suntech Photovoltaic Solar Panel Product Portfolio
- Table 118. Suntech Recent Development
- Table 119. Linyang Company Information
- Table 120. Linyang Business Overview
- Table 121. Linyang Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 122. Linyang Photovoltaic Solar Panel Product Portfolio
- Table 123. Linyang Recent Development
- Table 124. CEEG Company Information
- Table 125. CEEG Business Overview
- Table 126. CEEG Photovoltaic Solar Panel Sales (K sqm), Value (US\$ Million), Price (USD/sqm) and Gross Margin (2019-2024)
- Table 127. CEEG Photovoltaic Solar Panel Product Portfolio
- Table 128. CEEG Recent Development
- Table 129. Key Raw Materials
- Table 130. Raw Materials Key Suppliers
- Table 131. Photovoltaic Solar Panel Distributors List
- Table 132. Photovoltaic Solar Panel Customers List
- Table 133. Research Programs/Design for This Report
- Table 134. Authors List of This Report
- Table 135. Secondary Sources
- Table 136. Primary Sources

## List Of Figures

### LIST OF FIGURES

- Figure 1. Photovoltaic Solar Panel Product Picture
- Figure 2. Global Photovoltaic Solar Panel Sales Value (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global Photovoltaic Solar Panel Sales Value (2019-2030) & (US\$ Million)
- Figure 4. Global Photovoltaic Solar Panel Sales (2019-2030) & (K sqm)
- Figure 5. Global Photovoltaic Solar Panel Sales Average Price (USD/sqm) & (2019-2030)
- Figure 6. Global Photovoltaic Solar Panel Company Revenue Ranking in 2023 (US\$ Million)
- Figure 7. Global Top 5 and 10 Company Market Share by Revenue in 2023 (US\$ Million)
- Figure 8. Company 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 Sales Volume by Type (2019 VS 2023 VS 2030) & (K sqm)
- Figure 13. Global Photovoltaic Solar Panel Sales Volume Share 2019 VS 2023 VS 2030
- Figure 14. Global Photovoltaic Solar Panel Sales Volume Share by Type (2019-2030)
- Figure 15. Global Photovoltaic Solar Panel Sales Value by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 16. Global Photovoltaic Solar Panel Sales Value Share 2019 VS 2023 VS 2030
- Figure 17. Global Photovoltaic Solar Panel Sales Value Share by Type (2019-2030)
- Figure 18. Home Use Picture
- Figure 19. Commercial Use Picture
- Figure 20. Global Photovoltaic Solar Panel Sales Volume by Application (2019 VS 2023 VS 2030) & (K sqm)
- Figure 21. Global Photovoltaic Solar Panel Sales Volume Share 2019 VS 2023 VS 2030
- Figure 22. Global Photovoltaic Solar Panel Sales Volume Share by Application (2019-2030)
- Figure 23. Global Photovoltaic Solar Panel Sales Value by Application (2019 VS 2023 VS 2030) & (US\$ Million)
- Figure 24. Global Photovoltaic Solar Panel Sales Value Share 2019 VS 2023 VS 2030
- Figure 25. Global Photovoltaic Solar Panel Sales Value Share by Application (2019-2030)

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

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

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

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

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

Figure 31. North America Photovoltaic Solar Panel Sales Value Share by Country (%), 2023 VS 2030

Figure 32. Europe Photovoltaic Solar Panel Sales Value (2019-2030) & (US\$ Million)

Figure 33. Europe Photovoltaic Solar Panel Sales Value Share by Country (%), 2023 VS 2030

Figure 34. Asia-Pacific Photovoltaic Solar Panel Sales Value (2019-2030) & (US\$ Million)

Figure 35. Asia-Pacific Photovoltaic Solar Panel Sales Value Share by Country (%), 2023 VS 2030

Figure 36. Latin America Photovoltaic Solar Panel Sales Value (2019-2030) & (US\$ Million)

Figure 37. Latin America Photovoltaic Solar Panel Sales Value Share by Country (%), 2023 VS 2030

Figure 38. Middle East & Africa Photovoltaic Solar Panel Sales Value (2019-2030) & (US\$ Million)

Figure 39. Middle East & Africa Photovoltaic Solar Panel Sales Value Share by Country (%), 2023 VS 2030

Figure 40. USA Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 41. USA Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 42. USA Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 43. Canada Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 44. Canada Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 45. Canada Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)



Figure 46. Germany Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 47. Germany Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 48. Germany Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 49. France Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 50. France Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 51. France Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 52. U.K. Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 53. U.K. Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 54. U.K. Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 55. Italy Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 56. Italy Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 57. Italy Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 58. Netherlands Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 59. Netherlands Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 60. Netherlands Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 61. Nordic Countries Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 62. Nordic Countries Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 63. Nordic Countries Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 64. China Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 65. China Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 &

(%)

Figure 66. China Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 67. Japan Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 68. Japan Photovoltaic Solar Panel Sales Value Share by Type, 2023 VS 2030 & (%)

Figure 69. Japan Photovoltaic Solar Panel Sales Value Share by Application, 2023 VS 2030 & (%)

Figure 70. South Korea Photovoltaic Solar Panel Sales Value Growth Rate (2019-2030) & (US\$ Million)

Figure 71. South Korea Photovoltaic Solar Panel Sales Value Share by Type,



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