

Global Thin-Film PV Modules Market 2023 by Company, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G5A8C797B91DEN.html>

Date: February 2023

Pages: 104

Price: US\$ 3,480.00 (Single User License)

ID: G5A8C797B91DEN

Abstracts

According to our (Global Info Research) latest study, the global Thin-Film PV Modules market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Thin-Film PV Modules market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Thin-Film PV Modules market size and forecasts, in consumption value (\$ Million), 2018-2029

Global Thin-Film PV Modules market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global Thin-Film PV Modules market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global Thin-Film PV Modules market shares of main players, in revenue (\$ Million),

2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Thin-Film PV Modules

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Thin-Film PV Modules market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include First Solar, Sharp, Solar Frontier, Hanergy and ZSW, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market segmentation

Thin-Film PV Modules market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Amorphous silicon (a-Si)

Cadmium Telluride (CdTe)

Copper Indium Gallium Selenide (CIG/ CIGS)

Organic photovoltaic (OPV/ DSC/ DYSC)

Market segment by Application

Ground Power Station

Industrial and Commercial Roof

Residential Roof

Market segment by players, this report covers

First Solar

Sharp

Solar Frontier

Hanergy

ZSW

Sentech

Stion

CivicSolar

KANEKA Solar Energy

SoloPower

Solar-Facts

Flisom

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Thin-Film PV Modules product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Thin-Film PV Modules, with revenue, gross margin and global market share of Thin-Film PV Modules from 2018 to 2023.

Chapter 3, the Thin-Film PV Modules competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023. and Thin-Film PV Modules market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Thin-Film PV Modules.

Chapter 13, to describe Thin-Film PV Modules research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Thin-Film PV Modules
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of Thin-Film PV Modules by Type
 - 1.3.1 Overview: Global Thin-Film PV Modules Market Size by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Global Thin-Film PV Modules Consumption Value Market Share by Type in 2022
 - 1.3.3 Amorphous silicon (a-Si)
 - 1.3.4 Cadmium Telluride (CdTe)
 - 1.3.5 Copper Indium Gallium Selenide (CIG/ CIGS)
 - 1.3.6 Organic photovoltaic (OPV/ DSC/ DYSC)
- 1.4 Global Thin-Film PV Modules Market by Application
 - 1.4.1 Overview: Global Thin-Film PV Modules Market Size by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Ground Power Station
 - 1.4.3 Industrial and Commercial Roof
 - 1.4.4 Residential Roof
- 1.5 Global Thin-Film PV Modules Market Size & Forecast
- 1.6 Global Thin-Film PV Modules Market Size and Forecast by Region
 - 1.6.1 Global Thin-Film PV Modules Market Size by Region: 2018 VS 2022 VS 2029
 - 1.6.2 Global Thin-Film PV Modules Market Size by Region, (2018-2029)
 - 1.6.3 North America Thin-Film PV Modules Market Size and Prospect (2018-2029)
 - 1.6.4 Europe Thin-Film PV Modules Market Size and Prospect (2018-2029)
 - 1.6.5 Asia-Pacific Thin-Film PV Modules Market Size and Prospect (2018-2029)
 - 1.6.6 South America Thin-Film PV Modules Market Size and Prospect (2018-2029)
 - 1.6.7 Middle East and Africa Thin-Film PV Modules Market Size and Prospect (2018-2029)

2 COMPANY PROFILES

- 2.1 First Solar
 - 2.1.1 First Solar Details
 - 2.1.2 First Solar Major Business
 - 2.1.3 First Solar Thin-Film PV Modules Product and Solutions
 - 2.1.4 First Solar Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)

- 2.1.5 First Solar Recent Developments and Future Plans
- 2.2 Sharp
 - 2.2.1 Sharp Details
 - 2.2.2 Sharp Major Business
 - 2.2.3 Sharp Thin-Film PV Modules Product and Solutions
 - 2.2.4 Sharp Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.2.5 Sharp Recent Developments and Future Plans
- 2.3 Solar Frontier
 - 2.3.1 Solar Frontier Details
 - 2.3.2 Solar Frontier Major Business
 - 2.3.3 Solar Frontier Thin-Film PV Modules Product and Solutions
 - 2.3.4 Solar Frontier Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.3.5 Solar Frontier Recent Developments and Future Plans
- 2.4 Hanergy
 - 2.4.1 Hanergy Details
 - 2.4.2 Hanergy Major Business
 - 2.4.3 Hanergy Thin-Film PV Modules Product and Solutions
 - 2.4.4 Hanergy Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.4.5 Hanergy Recent Developments and Future Plans
- 2.5 ZSW
 - 2.5.1 ZSW Details
 - 2.5.2 ZSW Major Business
 - 2.5.3 ZSW Thin-Film PV Modules Product and Solutions
 - 2.5.4 ZSW Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.5.5 ZSW Recent Developments and Future Plans
- 2.6 Sentech
 - 2.6.1 Sentech Details
 - 2.6.2 Sentech Major Business
 - 2.6.3 Sentech Thin-Film PV Modules Product and Solutions
 - 2.6.4 Sentech Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.6.5 Sentech Recent Developments and Future Plans
- 2.7 Stion
 - 2.7.1 Stion Details
 - 2.7.2 Stion Major Business

- 2.7.3 Stion Thin-Film PV Modules Product and Solutions
- 2.7.4 Stion Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Stion Recent Developments and Future Plans
- 2.8 CivicSolar
 - 2.8.1 CivicSolar Details
 - 2.8.2 CivicSolar Major Business
 - 2.8.3 CivicSolar Thin-Film PV Modules Product and Solutions
 - 2.8.4 CivicSolar Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.8.5 CivicSolar Recent Developments and Future Plans
- 2.9 KANEKA Solar Energy
 - 2.9.1 KANEKA Solar Energy Details
 - 2.9.2 KANEKA Solar Energy Major Business
 - 2.9.3 KANEKA Solar Energy Thin-Film PV Modules Product and Solutions
 - 2.9.4 KANEKA Solar Energy Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 KANEKA Solar Energy Recent Developments and Future Plans
- 2.10 SoloPower
 - 2.10.1 SoloPower Details
 - 2.10.2 SoloPower Major Business
 - 2.10.3 SoloPower Thin-Film PV Modules Product and Solutions
 - 2.10.4 SoloPower Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 SoloPower Recent Developments and Future Plans
- 2.11 Solar-Facts
 - 2.11.1 Solar-Facts Details
 - 2.11.2 Solar-Facts Major Business
 - 2.11.3 Solar-Facts Thin-Film PV Modules Product and Solutions
 - 2.11.4 Solar-Facts Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Solar-Facts Recent Developments and Future Plans
- 2.12 Flisom
 - 2.12.1 Flisom Details
 - 2.12.2 Flisom Major Business
 - 2.12.3 Flisom Thin-Film PV Modules Product and Solutions
 - 2.12.4 Flisom Thin-Film PV Modules Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 Flisom Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global Thin-Film PV Modules Revenue and Share by Players (2018-2023)
- 3.2 Market Share Analysis (2022)
 - 3.2.1 Market Share of Thin-Film PV Modules by Company Revenue
 - 3.2.2 Top 3 Thin-Film PV Modules Players Market Share in 2022
 - 3.2.3 Top 6 Thin-Film PV Modules Players Market Share in 2022
- 3.3 Thin-Film PV Modules Market: Overall Company Footprint Analysis
 - 3.3.1 Thin-Film PV Modules Market: Region Footprint
 - 3.3.2 Thin-Film PV Modules Market: Company Product Type Footprint
 - 3.3.3 Thin-Film PV Modules Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

- 4.1 Global Thin-Film PV Modules Consumption Value and Market Share by Type (2018-2023)
- 4.2 Global Thin-Film PV Modules Market Forecast by Type (2024-2029)

5 MARKET SIZE SEGMENT BY APPLICATION

- 5.1 Global Thin-Film PV Modules Consumption Value Market Share by Application (2018-2023)
- 5.2 Global Thin-Film PV Modules Market Forecast by Application (2024-2029)

6 NORTH AMERICA

- 6.1 North America Thin-Film PV Modules Consumption Value by Type (2018-2029)
- 6.2 North America Thin-Film PV Modules Consumption Value by Application (2018-2029)
- 6.3 North America Thin-Film PV Modules Market Size by Country
 - 6.3.1 North America Thin-Film PV Modules Consumption Value by Country (2018-2029)
 - 6.3.2 United States Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 6.3.3 Canada Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 6.3.4 Mexico Thin-Film PV Modules Market Size and Forecast (2018-2029)

7 EUROPE

- 7.1 Europe Thin-Film PV Modules Consumption Value by Type (2018-2029)
- 7.2 Europe Thin-Film PV Modules Consumption Value by Application (2018-2029)
- 7.3 Europe Thin-Film PV Modules Market Size by Country
 - 7.3.1 Europe Thin-Film PV Modules Consumption Value by Country (2018-2029)
 - 7.3.2 Germany Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 7.3.3 France Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 7.3.4 United Kingdom Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 7.3.5 Russia Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 7.3.6 Italy Thin-Film PV Modules Market Size and Forecast (2018-2029)

8 ASIA-PACIFIC

- 8.1 Asia-Pacific Thin-Film PV Modules Consumption Value by Type (2018-2029)
- 8.2 Asia-Pacific Thin-Film PV Modules Consumption Value by Application (2018-2029)
- 8.3 Asia-Pacific Thin-Film PV Modules Market Size by Region
 - 8.3.1 Asia-Pacific Thin-Film PV Modules Consumption Value by Region (2018-2029)
 - 8.3.2 China Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 8.3.3 Japan Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 8.3.4 South Korea Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 8.3.5 India Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 8.3.6 Southeast Asia Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 8.3.7 Australia Thin-Film PV Modules Market Size and Forecast (2018-2029)

9 SOUTH AMERICA

- 9.1 South America Thin-Film PV Modules Consumption Value by Type (2018-2029)
- 9.2 South America Thin-Film PV Modules Consumption Value by Application (2018-2029)
- 9.3 South America Thin-Film PV Modules Market Size by Country
 - 9.3.1 South America Thin-Film PV Modules Consumption Value by Country (2018-2029)
 - 9.3.2 Brazil Thin-Film PV Modules Market Size and Forecast (2018-2029)
 - 9.3.3 Argentina Thin-Film PV Modules Market Size and Forecast (2018-2029)

10 MIDDLE EAST & AFRICA

- 10.1 Middle East & Africa Thin-Film PV Modules Consumption Value by Type

(2018-2029)

10.2 Middle East & Africa Thin-Film PV Modules Consumption Value by Application
(2018-2029)

10.3 Middle East & Africa Thin-Film PV Modules Market Size by Country

10.3.1 Middle East & Africa Thin-Film PV Modules Consumption Value by Country
(2018-2029)

10.3.2 Turkey Thin-Film PV Modules Market Size and Forecast (2018-2029)

10.3.3 Saudi Arabia Thin-Film PV Modules Market Size and Forecast (2018-2029)

10.3.4 UAE Thin-Film PV Modules Market Size and Forecast (2018-2029)

11 MARKET DYNAMICS

11.1 Thin-Film PV Modules Market Drivers

11.2 Thin-Film PV Modules Market Restraints

11.3 Thin-Film PV Modules Trends Analysis

11.4 Porters Five Forces Analysis

11.4.1 Threat of New Entrants

11.4.2 Bargaining Power of Suppliers

11.4.3 Bargaining Power of Buyers

11.4.4 Threat of Substitutes

11.4.5 Competitive Rivalry

11.5 Influence of COVID-19 and Russia-Ukraine War

11.5.1 Influence of COVID-19

11.5.2 Influence of Russia-Ukraine War

12 INDUSTRY CHAIN ANALYSIS

12.1 Thin-Film PV Modules Industry Chain

12.2 Thin-Film PV Modules Upstream Analysis

12.3 Thin-Film PV Modules Midstream Analysis

12.4 Thin-Film PV Modules Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Research Process and Data Source

14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Thin-Film PV Modules Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Thin-Film PV Modules Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Global Thin-Film PV Modules Consumption Value by Region (2018-2023) & (USD Million)

Table 4. Global Thin-Film PV Modules Consumption Value by Region (2024-2029) & (USD Million)

Table 5. First Solar Company Information, Head Office, and Major Competitors

Table 6. First Solar Major Business

Table 7. First Solar Thin-Film PV Modules Product and Solutions

Table 8. First Solar Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 9. First Solar Recent Developments and Future Plans

Table 10. Sharp Company Information, Head Office, and Major Competitors

Table 11. Sharp Major Business

Table 12. Sharp Thin-Film PV Modules Product and Solutions

Table 13. Sharp Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 14. Sharp Recent Developments and Future Plans

Table 15. Solar Frontier Company Information, Head Office, and Major Competitors

Table 16. Solar Frontier Major Business

Table 17. Solar Frontier Thin-Film PV Modules Product and Solutions

Table 18. Solar Frontier Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 19. Solar Frontier Recent Developments and Future Plans

Table 20. Hanergy Company Information, Head Office, and Major Competitors

Table 21. Hanergy Major Business

Table 22. Hanergy Thin-Film PV Modules Product and Solutions

Table 23. Hanergy Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 24. Hanergy Recent Developments and Future Plans

Table 25. ZSW Company Information, Head Office, and Major Competitors

Table 26. ZSW Major Business

Table 27. ZSW Thin-Film PV Modules Product and Solutions

Table 28. ZSW Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 29. ZSW Recent Developments and Future Plans

Table 30. Sentech Company Information, Head Office, and Major Competitors

Table 31. Sentech Major Business

Table 32. Sentech Thin-Film PV Modules Product and Solutions

Table 33. Sentech Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 34. Sentech Recent Developments and Future Plans

Table 35. Stion Company Information, Head Office, and Major Competitors

Table 36. Stion Major Business

Table 37. Stion Thin-Film PV Modules Product and Solutions

Table 38. Stion Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 39. Stion Recent Developments and Future Plans

Table 40. CivicSolar Company Information, Head Office, and Major Competitors

Table 41. CivicSolar Major Business

Table 42. CivicSolar Thin-Film PV Modules Product and Solutions

Table 43. CivicSolar Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 44. CivicSolar Recent Developments and Future Plans

Table 45. KANEKA Solar Energy Company Information, Head Office, and Major Competitors

Table 46. KANEKA Solar Energy Major Business

Table 47. KANEKA Solar Energy Thin-Film PV Modules Product and Solutions

Table 48. KANEKA Solar Energy Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 49. KANEKA Solar Energy Recent Developments and Future Plans

Table 50. SoloPower Company Information, Head Office, and Major Competitors

Table 51. SoloPower Major Business

Table 52. SoloPower Thin-Film PV Modules Product and Solutions

Table 53. SoloPower Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 54. SoloPower Recent Developments and Future Plans

Table 55. Solar-Facts Company Information, Head Office, and Major Competitors

Table 56. Solar-Facts Major Business

Table 57. Solar-Facts Thin-Film PV Modules Product and Solutions

Table 58. Solar-Facts Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 59. Solar-Facts Recent Developments and Future Plans
- Table 60. Flisom Company Information, Head Office, and Major Competitors
- Table 61. Flisom Major Business
- Table 62. Flisom Thin-Film PV Modules Product and Solutions
- Table 63. Flisom Thin-Film PV Modules Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 64. Flisom Recent Developments and Future Plans
- Table 65. Global Thin-Film PV Modules Revenue (USD Million) by Players (2018-2023)
- Table 66. Global Thin-Film PV Modules Revenue Share by Players (2018-2023)
- Table 67. Breakdown of Thin-Film PV Modules by Company Type (Tier 1, Tier 2, and Tier 3)
- Table 68. Market Position of Players in Thin-Film PV Modules, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2022
- Table 69. Head Office of Key Thin-Film PV Modules Players
- Table 70. Thin-Film PV Modules Market: Company Product Type Footprint
- Table 71. Thin-Film PV Modules Market: Company Product Application Footprint
- Table 72. Thin-Film PV Modules New Market Entrants and Barriers to Market Entry
- Table 73. Thin-Film PV Modules Mergers, Acquisition, Agreements, and Collaborations
- Table 74. Global Thin-Film PV Modules Consumption Value (USD Million) by Type (2018-2023)
- Table 75. Global Thin-Film PV Modules Consumption Value Share by Type (2018-2023)
- Table 76. Global Thin-Film PV Modules Consumption Value Forecast by Type (2024-2029)
- Table 77. Global Thin-Film PV Modules Consumption Value by Application (2018-2023)
- Table 78. Global Thin-Film PV Modules Consumption Value Forecast by Application (2024-2029)
- Table 79. North America Thin-Film PV Modules Consumption Value by Type (2018-2023) & (USD Million)
- Table 80. North America Thin-Film PV Modules Consumption Value by Type (2024-2029) & (USD Million)
- Table 81. North America Thin-Film PV Modules Consumption Value by Application (2018-2023) & (USD Million)
- Table 82. North America Thin-Film PV Modules Consumption Value by Application (2024-2029) & (USD Million)
- Table 83. North America Thin-Film PV Modules Consumption Value by Country (2018-2023) & (USD Million)
- Table 84. North America Thin-Film PV Modules Consumption Value by Country (2024-2029) & (USD Million)
- Table 85. Europe Thin-Film PV Modules Consumption Value by Type (2018-2023) &

(USD Million)

Table 86. Europe Thin-Film PV Modules Consumption Value by Type (2024-2029) & (USD Million)

Table 87. Europe Thin-Film PV Modules Consumption Value by Application (2018-2023) & (USD Million)

Table 88. Europe Thin-Film PV Modules Consumption Value by Application (2024-2029) & (USD Million)

Table 89. Europe Thin-Film PV Modules Consumption Value by Country (2018-2023) & (USD Million)

Table 90. Europe Thin-Film PV Modules Consumption Value by Country (2024-2029) & (USD Million)

Table 91. Asia-Pacific Thin-Film PV Modules Consumption Value by Type (2018-2023) & (USD Million)

Table 92. Asia-Pacific Thin-Film PV Modules Consumption Value by Type (2024-2029) & (USD Million)

Table 93. Asia-Pacific Thin-Film PV Modules Consumption Value by Application (2018-2023) & (USD Million)

Table 94. Asia-Pacific Thin-Film PV Modules Consumption Value by Application (2024-2029) & (USD Million)

Table 95. Asia-Pacific Thin-Film PV Modules Consumption Value by Region (2018-2023) & (USD Million)

Table 96. Asia-Pacific Thin-Film PV Modules Consumption Value by Region (2024-2029) & (USD Million)

Table 97. South America Thin-Film PV Modules Consumption Value by Type (2018-2023) & (USD Million)

Table 98. South America Thin-Film PV Modules Consumption Value by Type (2024-2029) & (USD Million)

Table 99. South America Thin-Film PV Modules Consumption Value by Application (2018-2023) & (USD Million)

Table 100. South America Thin-Film PV Modules Consumption Value by Application (2024-2029) & (USD Million)

Table 101. South America Thin-Film PV Modules Consumption Value by Country (2018-2023) & (USD Million)

Table 102. South America Thin-Film PV Modules Consumption Value by Country (2024-2029) & (USD Million)

Table 103. Middle East & Africa Thin-Film PV Modules Consumption Value by Type (2018-2023) & (USD Million)

Table 104. Middle East & Africa Thin-Film PV Modules Consumption Value by Type (2024-2029) & (USD Million)

Table 105. Middle East & Africa Thin-Film PV Modules Consumption Value by Application (2018-2023) & (USD Million)

Table 106. Middle East & Africa Thin-Film PV Modules Consumption Value by Application (2024-2029) & (USD Million)

Table 107. Middle East & Africa Thin-Film PV Modules Consumption Value by Country (2018-2023) & (USD Million)

Table 108. Middle East & Africa Thin-Film PV Modules Consumption Value by Country (2024-2029) & (USD Million)

Table 109. Thin-Film PV Modules Raw Material

Table 110. Key Suppliers of Thin-Film PV Modules Raw Materials

List Of Figures

LIST OF FIGURES

Figure 1. Thin-Film PV Modules Picture

Figure 2. Global Thin-Film PV Modules Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Thin-Film PV Modules Consumption Value Market Share by Type in 2022

Figure 4. Amorphous silicon (a-Si)

Figure 5. Cadmium Telluride (CdTe)

Figure 6. Copper Indium Gallium Selenide (CIG/ CIGS)

Figure 7. Organic photovoltaic (OPV/ DSC/ DYSC)

Figure 8. Global Thin-Film PV Modules Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 9. Thin-Film PV Modules Consumption Value Market Share by Application in 2022

Figure 10. Ground Power Station Picture

Figure 11. Industrial and Commercial Roof Picture

Figure 12. Residential Roof Picture

Figure 13. Global Thin-Film PV Modules Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Thin-Film PV Modules Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global Market Thin-Film PV Modules Consumption Value (USD Million) Comparison by Region (2018 & 2022 & 2029)

Figure 16. Global Thin-Film PV Modules Consumption Value Market Share by Region (2018-2029)

Figure 17. Global Thin-Film PV Modules Consumption Value Market Share by Region in 2022

Figure 18. North America Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 19. Europe Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 20. Asia-Pacific Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 21. South America Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 22. Middle East and Africa Thin-Film PV Modules Consumption Value

(2018-2029) & (USD Million)

Figure 23. Global Thin-Film PV Modules Revenue Share by Players in 2022

Figure 24. Thin-Film PV Modules Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2022

Figure 25. Global Top 3 Players Thin-Film PV Modules Market Share in 2022

Figure 26. Global Top 6 Players Thin-Film PV Modules Market Share in 2022

Figure 27. Global Thin-Film PV Modules Consumption Value Share by Type (2018-2023)

Figure 28. Global Thin-Film PV Modules Market Share Forecast by Type (2024-2029)

Figure 29. Global Thin-Film PV Modules Consumption Value Share by Application (2018-2023)

Figure 30. Global Thin-Film PV Modules Market Share Forecast by Application (2024-2029)

Figure 31. North America Thin-Film PV Modules Consumption Value Market Share by Type (2018-2029)

Figure 32. North America Thin-Film PV Modules Consumption Value Market Share by Application (2018-2029)

Figure 33. North America Thin-Film PV Modules Consumption Value Market Share by Country (2018-2029)

Figure 34. United States Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 35. Canada Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 36. Mexico Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 37. Europe Thin-Film PV Modules Consumption Value Market Share by Type (2018-2029)

Figure 38. Europe Thin-Film PV Modules Consumption Value Market Share by Application (2018-2029)

Figure 39. Europe Thin-Film PV Modules Consumption Value Market Share by Country (2018-2029)

Figure 40. Germany Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 41. France Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 42. United Kingdom Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 43. Russia Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 44. Italy Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 45. Asia-Pacific Thin-Film PV Modules Consumption Value Market Share by Type (2018-2029)

Figure 46. Asia-Pacific Thin-Film PV Modules Consumption Value Market Share by Application (2018-2029)

Figure 47. Asia-Pacific Thin-Film PV Modules Consumption Value Market Share by Region (2018-2029)

Figure 48. China Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 49. Japan Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 50. South Korea Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 51. India Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 52. Southeast Asia Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 53. Australia Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 54. South America Thin-Film PV Modules Consumption Value Market Share by Type (2018-2029)

Figure 55. South America Thin-Film PV Modules Consumption Value Market Share by Application (2018-2029)

Figure 56. South America Thin-Film PV Modules Consumption Value Market Share by Country (2018-2029)

Figure 57. Brazil Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 58. Argentina Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 59. Middle East and Africa Thin-Film PV Modules Consumption Value Market Share by Type (2018-2029)

Figure 60. Middle East and Africa Thin-Film PV Modules Consumption Value Market Share by Application (2018-2029)

Figure 61. Middle East and Africa Thin-Film PV Modules Consumption Value Market Share by Country (2018-2029)

Figure 62. Turkey Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 63. Saudi Arabia Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 64. UAE Thin-Film PV Modules Consumption Value (2018-2029) & (USD Million)

Figure 65. Thin-Film PV Modules Market Drivers

Figure 66. Thin-Film PV Modules Market Restraints

Figure 67. Thin-Film PV Modules Market Trends

Figure 68. Porters Five Forces Analysis

Figure 69. Manufacturing Cost Structure Analysis of Thin-Film PV Modules in 2022

Figure 70. Manufacturing Process Analysis of Thin-Film PV Modules

Figure 71. Thin-Film PV Modules Industrial Chain

Figure 72. Methodology

Figure 73. Research Process and Data Source

I would like to order

Product name: Global Thin-Film PV Modules Market 2023 by Company, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G5A8C797B91DEN.html>

Price: US\$ 3,480.00 (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/G5A8C797B91DEN.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

