

Global Rigid CdTe Thin Film Solar Cell Market Growth 2026-2032

<https://marketpublishers.com/r/G6C3A0065C9CEN.html>

Date: August 2026

Pages: 105

Price: US\$ 3,660.00 (Single User License)

ID: G6C3A0065C9CEN

Abstracts

The global Rigid CdTe Thin Film Solar Cell market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of %from 2026 to 2032.

CdTe thin-film solar cells are a type of photovoltaic technology that uses cadmium telluride as the semiconductor material.

It is expected that global demand for photovoltaic products will remain high in the next few years. According to our PV & Solar Research Center, by the end of 2022, the global cumulative installed photovoltaic power generation capacity is about 1180 GW. According to the data of China Photovoltaic Industry Association, the global newly installed photovoltaic capacity in 2022 is about 230 GW, and this number in 2023 is predicted to be 280-330 GW. According to the data of the Ministry of Industry and Information Technology, the total output value of China's photovoltaic industry exceeded 1.4 trillion yuan in 2022. From the perspective of production value, mainland China is still the global center of the PV industry. According to the International Energy Agency, China market share in all key products of the supply chain have exceeded 80%. Among them, the production capacity of silicon wafers, solar cells, and components accounts for as high as 98%, 85% and 77%, respectively. According to the data released by the European Photovoltaic Association, 27 EU countries gained a new PV installed capacity of 41.4 GW in 2022. According to the report of the US Solar Energy Industries Association (SEIA), the US held a new PV installed capacity of less than 19 GW in 2022. But it is estimated that from 2023, the average annual growth rate of new photovoltaic installed capacity will exceed 21%. In terms of Japan, based on data from Fitch and the US Energy Information Administration (EIA), in 2022, Japan's newly installed photovoltaic capacity was 3.441 GW.

LP Information, Inc. (LPI) ' newest research report, the “Rigid CdTe Thin Film Solar Cell Industry Forecast” looks at past sales and reviews total world Rigid CdTe Thin Film Solar Cell sales in 2025, providing a comprehensive analysis by region and market sector of projected Rigid CdTe Thin Film Solar Cell sales for 2026 through 2032. With Rigid CdTe Thin Film Solar Cell sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Rigid CdTe Thin Film Solar Cell industry.

This Insight Report provides a comprehensive analysis of the global Rigid CdTe Thin Film Solar Cell landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Rigid CdTe Thin Film Solar Cell portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Rigid CdTe Thin Film Solar Cell market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Rigid CdTe Thin Film Solar Cell and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Rigid CdTe Thin Film Solar Cell.

This report presents a comprehensive overview, market shares, and growth opportunities of Rigid CdTe Thin Film Solar Cell market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Below 100W

100W-200W

Above 200W

Segmentation by Application:

Photovoltaic Power Station

Photovoltaic Building

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

FirstSolar

ToledoSolar

Calyxo

ARENDI

Advanced Solar Power

Zhong Shan Ruike New Energy

CNBM Optoelectronic Materials

Antec Solar Energy AG

Lucintech Inc

Key Questions Addressed in this Report

What is the 10-year outlook for the global Rigid CdTe Thin Film Solar Cell market?

What factors are driving Rigid CdTe Thin Film Solar Cell market growth, globally and by region?

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

How do Rigid CdTe Thin Film Solar Cell market opportunities vary by end market size?

How does Rigid CdTe Thin Film Solar Cell break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Rigid CdTe Thin Film Solar Cell Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Rigid CdTe Thin Film Solar Cell by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Rigid CdTe Thin Film Solar Cell by Country/Region, 2021, 2025 & 2032
- 2.2 Rigid CdTe Thin Film Solar Cell Segment by Type
 - 2.2.1 Below 100W
 - 2.2.2 100W-200W
 - 2.2.3 Above 200W
 - 2.2.4 Rigid CdTe Thin Film Solar Cell Sales by Type
 - 2.2.4.1 Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Rigid CdTe Thin Film Solar Cell Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Rigid CdTe Thin Film Solar Cell Sale Price by Type (2021-2026)
- 2.3 Rigid CdTe Thin Film Solar Cell Segment by Application
 - 2.3.1 Photovoltaic Power Station
 - 2.3.2 Photovoltaic Building
 - 2.3.3 Others
 - 2.3.4 Rigid CdTe Thin Film Solar Cell Sales by Application
 - 2.3.4.1 Global Rigid CdTe Thin Film Solar Cell Sale Market Share by Application (2021-2026)
 - 2.3.4.2 Global Rigid CdTe Thin Film Solar Cell Revenue and Market Share by

Application (2021-2026)

2.3.4.3 Global Rigid CdTe Thin Film Solar Cell Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Rigid CdTe Thin Film Solar Cell Breakdown Data by Company

3.1.1 Global Rigid CdTe Thin Film Solar Cell Annual Sales by Company (2021-2026)

3.1.2 Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Company
(2021-2026)

3.2 Global Rigid CdTe Thin Film Solar Cell Annual Revenue by Company (2021-2026)

3.2.1 Global Rigid CdTe Thin Film Solar Cell Revenue by Company (2021-2026)

3.2.2 Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Company
(2021-2026)

3.3 Global Rigid CdTe Thin Film Solar Cell Sale Price by Company

3.4 Key Manufacturers Rigid CdTe Thin Film Solar Cell Producing Area Distribution,
Sales Area, Product Type

3.4.1 Key Manufacturers Rigid CdTe Thin Film Solar Cell Product Location Distribution

3.4.2 Players Rigid CdTe Thin Film Solar Cell Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR RIGID CDTE THIN FILM SOLAR CELL BY GEOGRAPHIC REGION

4.1 World Historic Rigid CdTe Thin Film Solar Cell Market Size by Geographic Region
(2021-2026)

4.1.1 Global Rigid CdTe Thin Film Solar Cell Annual Sales by Geographic Region
(2021-2026)

4.1.2 Global Rigid CdTe Thin Film Solar Cell Annual Revenue by Geographic Region
(2021-2026)

4.2 World Historic Rigid CdTe Thin Film Solar Cell Market Size by Country/Region
(2021-2026)

4.2.1 Global Rigid CdTe Thin Film Solar Cell Annual Sales by Country/Region
(2021-2026)

4.2.2 Global Rigid CdTe Thin Film Solar Cell Annual Revenue by Country/Region
(2021-2026)

- 4.3 Americas Rigid CdTe Thin Film Solar Cell Sales Growth
- 4.4 APAC Rigid CdTe Thin Film Solar Cell Sales Growth
- 4.5 Europe Rigid CdTe Thin Film Solar Cell Sales Growth
- 4.6 Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales Growth

5 AMERICAS

- 5.1 Americas Rigid CdTe Thin Film Solar Cell Sales by Country
 - 5.1.1 Americas Rigid CdTe Thin Film Solar Cell Sales by Country (2021-2026)
 - 5.1.2 Americas Rigid CdTe Thin Film Solar Cell Revenue by Country (2021-2026)
- 5.2 Americas Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026)
- 5.3 Americas Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Rigid CdTe Thin Film Solar Cell Sales by Region
 - 6.1.1 APAC Rigid CdTe Thin Film Solar Cell Sales by Region (2021-2026)
 - 6.1.2 APAC Rigid CdTe Thin Film Solar Cell Revenue by Region (2021-2026)
- 6.2 APAC Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026)
- 6.3 APAC Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Rigid CdTe Thin Film Solar Cell by Country
 - 7.1.1 Europe Rigid CdTe Thin Film Solar Cell Sales by Country (2021-2026)
 - 7.1.2 Europe Rigid CdTe Thin Film Solar Cell Revenue by Country (2021-2026)
- 7.2 Europe Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026)
- 7.3 Europe Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Rigid CdTe Thin Film Solar Cell by Country

8.1.1 Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales by Country
(2021-2026)

8.1.2 Middle East & Africa Rigid CdTe Thin Film Solar Cell Revenue by Country
(2021-2026)

8.2 Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026)

8.3 Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales by Application
(2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Rigid CdTe Thin Film Solar Cell

10.3 Manufacturing Process Analysis of Rigid CdTe Thin Film Solar Cell

10.4 Industry Chain Structure of Rigid CdTe Thin Film Solar Cell

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Rigid CdTe Thin Film Solar Cell Distributors
- 11.3 Rigid CdTe Thin Film Solar Cell Customer

12 WORLD FORECAST REVIEW FOR RIGID CDTE THIN FILM SOLAR CELL BY GEOGRAPHIC REGION

- 12.1 Global Rigid CdTe Thin Film Solar Cell Market Size Forecast by Region
 - 12.1.1 Global Rigid CdTe Thin Film Solar Cell Forecast by Region (2027-2032)
 - 12.1.2 Global Rigid CdTe Thin Film Solar Cell Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Rigid CdTe Thin Film Solar Cell Forecast by Type (2027-2032)
- 12.7 Global Rigid CdTe Thin Film Solar Cell Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

- 13.1 FirstSolar
 - 13.1.1 FirstSolar Company Information
 - 13.1.2 FirstSolar Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications
 - 13.1.3 FirstSolar Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.1.4 FirstSolar Main Business Overview
 - 13.1.5 FirstSolar Latest Developments
- 13.2 ToledoSolar
 - 13.2.1 ToledoSolar Company Information
 - 13.2.2 ToledoSolar Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications
 - 13.2.3 ToledoSolar Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.2.4 ToledoSolar Main Business Overview
 - 13.2.5 ToledoSolar Latest Developments
- 13.3 Calyxo
 - 13.3.1 Calyxo Company Information
 - 13.3.2 Calyxo Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications
 - 13.3.3 Calyxo Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross

Margin (2021-2026)

13.3.4 Calyxo Main Business Overview

13.3.5 Calyxo Latest Developments

13.4 ARENDI

13.4.1 ARENDI Company Information

13.4.2 ARENDI Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

13.4.3 ARENDI Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross

Margin (2021-2026)

13.4.4 ARENDI Main Business Overview

13.4.5 ARENDI Latest Developments

13.5 Advanced Solar Power

13.5.1 Advanced Solar Power Company Information

13.5.2 Advanced Solar Power Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

13.5.3 Advanced Solar Power Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Advanced Solar Power Main Business Overview

13.5.5 Advanced Solar Power Latest Developments

13.6 Zhong Shan Ruike New Energy

13.6.1 Zhong Shan Ruike New Energy Company Information

13.6.2 Zhong Shan Ruike New Energy Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

13.6.3 Zhong Shan Ruike New Energy Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Zhong Shan Ruike New Energy Main Business Overview

13.6.5 Zhong Shan Ruike New Energy Latest Developments

13.7 CNBM Optoelectronic Materials

13.7.1 CNBM Optoelectronic Materials Company Information

13.7.2 CNBM Optoelectronic Materials Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

13.7.3 CNBM Optoelectronic Materials Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 CNBM Optoelectronic Materials Main Business Overview

13.7.5 CNBM Optoelectronic Materials Latest Developments

13.8 Antec Solar Energy AG

13.8.1 Antec Solar Energy AG Company Information

13.8.2 Antec Solar Energy AG Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

13.8.3 Antec Solar Energy AG Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price

and Gross Margin (2021-2026)

13.8.4 Antec Solar Energy AG Main Business Overview

13.8.5 Antec Solar Energy AG Latest Developments

13.9 Lucintech Inc

13.9.1 Lucintech Inc Company Information

13.9.2 Lucintech Inc Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

13.9.3 Lucintech Inc Rigid CdTe Thin Film Solar Cell Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Lucintech Inc Main Business Overview

13.9.5 Lucintech Inc Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Rigid CdTe Thin Film Solar Cell Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Rigid CdTe Thin Film Solar Cell Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Below 100W

Table 4. Major Players of 100W-200W

Table 5. Major Players of Above 200W

Table 6. Global Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026) & (K Units)

Table 7. Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Type (2021-2026)

Table 8. Global Rigid CdTe Thin Film Solar Cell Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Type (2021-2026)

Table 10. Global Rigid CdTe Thin Film Solar Cell Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Global Rigid CdTe Thin Film Solar Cell Sale by Application (2021-2026) & (K Units)

Table 12. Global Rigid CdTe Thin Film Solar Cell Sale Market Share by Application (2021-2026)

Table 13. Global Rigid CdTe Thin Film Solar Cell Revenue by Application (2021-2026) & (\$ million)

Table 14. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Application (2021-2026)

Table 15. Global Rigid CdTe Thin Film Solar Cell Sale Price by Application (2021-2026) & (US\$/Unit)

Table 16. Global Rigid CdTe Thin Film Solar Cell Sales by Company (2021-2026) & (K Units)

Table 17. Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Company (2021-2026)

Table 18. Global Rigid CdTe Thin Film Solar Cell Revenue by Company (2021-2026) & (\$ millions)

Table 19. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Company (2021-2026)

Table 20. Global Rigid CdTe Thin Film Solar Cell Sale Price by Company (2021-2026)

& (US\$/Unit)

Table 21. Key Manufacturers Rigid CdTe Thin Film Solar Cell Producing Area
Distribution and Sales Area

Table 22. Players Rigid CdTe Thin Film Solar Cell Products Offered

Table 23. Rigid CdTe Thin Film Solar Cell Concentration Ratio (CR3, CR5 and CR10) &
(2024-2026)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Rigid CdTe Thin Film Solar Cell Sales by Geographic Region
(2021-2026) & (K Units)

Table 27. Global Rigid CdTe Thin Film Solar Cell Sales Market Share Geographic
Region (2021-2026)

Table 28. Global Rigid CdTe Thin Film Solar Cell Revenue by Geographic Region
(2021-2026) & (\$ millions)

Table 29. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Geographic
Region (2021-2026)

Table 30. Global Rigid CdTe Thin Film Solar Cell Sales by Country/Region (2021-2026)
& (K Units)

Table 31. Global Rigid CdTe Thin Film Solar Cell Sales Market Share by
Country/Region (2021-2026)

Table 32. Global Rigid CdTe Thin Film Solar Cell Revenue by Country/Region
(2021-2026) & (\$ millions)

Table 33. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by
Country/Region (2021-2026)

Table 34. Americas Rigid CdTe Thin Film Solar Cell Sales by Country (2021-2026) & (K
Units)

Table 35. Americas Rigid CdTe Thin Film Solar Cell Sales Market Share by Country
(2021-2026)

Table 36. Americas Rigid CdTe Thin Film Solar Cell Revenue by Country (2021-2026) &
(\$ millions)

Table 37. Americas Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026) & (K
Units)

Table 38. Americas Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026) &
(K Units)

Table 39. APAC Rigid CdTe Thin Film Solar Cell Sales by Region (2021-2026) & (K
Units)

Table 40. APAC Rigid CdTe Thin Film Solar Cell Sales Market Share by Region
(2021-2026)

Table 41. APAC Rigid CdTe Thin Film Solar Cell Revenue by Region (2021-2026) & (\$

millions)

Table 42. APAC Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026) & (K Units)

Table 43. APAC Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026) & (K Units)

Table 44. Europe Rigid CdTe Thin Film Solar Cell Sales by Country (2021-2026) & (K Units)

Table 45. Europe Rigid CdTe Thin Film Solar Cell Revenue by Country (2021-2026) & (\$ millions)

Table 46. Europe Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026) & (K Units)

Table 47. Europe Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026) & (K Units)

Table 48. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales by Country (2021-2026) & (K Units)

Table 49. Middle East & Africa Rigid CdTe Thin Film Solar Cell Revenue Market Share by Country (2021-2026)

Table 50. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales by Type (2021-2026) & (K Units)

Table 51. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales by Application (2021-2026) & (K Units)

Table 52. Key Market Drivers & Growth Opportunities of Rigid CdTe Thin Film Solar Cell

Table 53. Key Market Challenges & Risks of Rigid CdTe Thin Film Solar Cell

Table 54. Key Industry Trends of Rigid CdTe Thin Film Solar Cell

Table 55. Rigid CdTe Thin Film Solar Cell Raw Material

Table 56. Key Suppliers of Raw Materials

Table 57. Rigid CdTe Thin Film Solar Cell Distributors List

Table 58. Rigid CdTe Thin Film Solar Cell Customer List

Table 59. Global Rigid CdTe Thin Film Solar Cell Sales Forecast by Region (2027-2032) & (K Units)

Table 60. Global Rigid CdTe Thin Film Solar Cell Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 61. Americas Rigid CdTe Thin Film Solar Cell Sales Forecast by Country (2027-2032) & (K Units)

Table 62. Americas Rigid CdTe Thin Film Solar Cell Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 63. APAC Rigid CdTe Thin Film Solar Cell Sales Forecast by Region (2027-2032) & (K Units)

Table 64. APAC Rigid CdTe Thin Film Solar Cell Annual Revenue Forecast by Region

(2027-2032) & (\$ millions)

Table 65. Europe Rigid CdTe Thin Film Solar Cell Sales Forecast by Country

(2027-2032) & (K Units)

Table 66. Europe Rigid CdTe Thin Film Solar Cell Revenue Forecast by Country

(2027-2032) & (\$ millions)

Table 67. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales Forecast by Country (2027-2032) & (K Units)

Table 68. Middle East & Africa Rigid CdTe Thin Film Solar Cell Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 69. Global Rigid CdTe Thin Film Solar Cell Sales Forecast by Type (2027-2032) & (K Units)

Table 70. Global Rigid CdTe Thin Film Solar Cell Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 71. Global Rigid CdTe Thin Film Solar Cell Sales Forecast by Application (2027-2032) & (K Units)

Table 72. Global Rigid CdTe Thin Film Solar Cell Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 73. FirstSolar Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 74. FirstSolar Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 75. FirstSolar Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 76. FirstSolar Main Business

Table 77. FirstSolar Latest Developments

Table 78. ToledoSolar Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 79. ToledoSolar Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 80. ToledoSolar Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 81. ToledoSolar Main Business

Table 82. ToledoSolar Latest Developments

Table 83. Calyxo Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 84. Calyxo Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 85. Calyxo Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 86. Calyxo Main Business

Table 87. Calyxo Latest Developments

Table 88. ARENDI Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 89. ARENDI Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 90. ARENDI Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. ARENDI Main Business

Table 92. ARENDI Latest Developments

Table 93. Advanced Solar Power Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 94. Advanced Solar Power Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 95. Advanced Solar Power Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Advanced Solar Power Main Business

Table 97. Advanced Solar Power Latest Developments

Table 98. Zhong Shan Ruike New Energy Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 99. Zhong Shan Ruike New Energy Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 100. Zhong Shan Ruike New Energy Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Zhong Shan Ruike New Energy Main Business

Table 102. Zhong Shan Ruike New Energy Latest Developments

Table 103. CNBM Optoelectronic Materials Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 104. CNBM Optoelectronic Materials Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 105. CNBM Optoelectronic Materials Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. CNBM Optoelectronic Materials Main Business

Table 107. CNBM Optoelectronic Materials Latest Developments

Table 108. Antec Solar Energy AG Basic Information, Rigid CdTe Thin Film Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 109. Antec Solar Energy AG Rigid CdTe Thin Film Solar Cell Product Portfolios and Specifications

Table 110. Antec Solar Energy AG Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Antec Solar Energy AG Main Business

Table 112. Antec Solar Energy AG Latest Developments

Table 113. Lucintech Inc Basic Information, Rigid CdTe Thin Film Solar Cell
Manufacturing Base, Sales Area and Its Competitors

Table 114. Lucintech Inc Rigid CdTe Thin Film Solar Cell Product Portfolios and
Specifications

Table 115. Lucintech Inc Rigid CdTe Thin Film Solar Cell Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Lucintech Inc Main Business

Table 117. Lucintech Inc Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Rigid CdTe Thin Film Solar Cell

Figure 2. Rigid CdTe Thin Film Solar Cell Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Rigid CdTe Thin Film Solar Cell Sales Growth Rate 2021-2032 (K Units)

Figure 7. Global Rigid CdTe Thin Film Solar Cell Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. Rigid CdTe Thin Film Solar Cell Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. Rigid CdTe Thin Film Solar Cell Sales Market Share by Country/Region (2025)

Figure 10. Rigid CdTe Thin Film Solar Cell Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of Below 100W

Figure 12. Product Picture of 100W-200W

Figure 13. Product Picture of Above 200W

Figure 14. Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Type in 2026

Figure 15. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Type (2021-2026)

Figure 16. Rigid CdTe Thin Film Solar Cell Consumed in Photovoltaic Power Station

Figure 17. Global Rigid CdTe Thin Film Solar Cell Market: Photovoltaic Power Station (2021-2026) & (K Units)

Figure 18. Rigid CdTe Thin Film Solar Cell Consumed in Photovoltaic Building

Figure 19. Global Rigid CdTe Thin Film Solar Cell Market: Photovoltaic Building (2021-2026) & (K Units)

Figure 20. Rigid CdTe Thin Film Solar Cell Consumed in Others

Figure 21. Global Rigid CdTe Thin Film Solar Cell Market: Others (2021-2026) & (K Units)

Figure 22. Global Rigid CdTe Thin Film Solar Cell Sale Market Share by Application (2025)

Figure 23. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Application in 2026

Figure 24. Rigid CdTe Thin Film Solar Cell Sales by Company in 2026 (K Units)

Figure 25. Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Company in 2026

Figure 26. Rigid CdTe Thin Film Solar Cell Revenue by Company in 2026 (\$ millions)

Figure 27. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Company in 2026

Figure 28. Global Rigid CdTe Thin Film Solar Cell Sales Market Share by Geographic Region (2021-2026)

Figure 29. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share by Geographic Region in 2026

Figure 30. Americas Rigid CdTe Thin Film Solar Cell Sales 2021-2026 (K Units)

Figure 31. Americas Rigid CdTe Thin Film Solar Cell Revenue 2021-2026 (\$ millions)

Figure 32. APAC Rigid CdTe Thin Film Solar Cell Sales 2021-2026 (K Units)

Figure 33. APAC Rigid CdTe Thin Film Solar Cell Revenue 2021-2026 (\$ millions)

Figure 34. Europe Rigid CdTe Thin Film Solar Cell Sales 2021-2026 (K Units)

Figure 35. Europe Rigid CdTe Thin Film Solar Cell Revenue 2021-2026 (\$ millions)

Figure 36. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales 2021-2026 (K Units)

Figure 37. Middle East & Africa Rigid CdTe Thin Film Solar Cell Revenue 2021-2026 (\$ millions)

Figure 38. Americas Rigid CdTe Thin Film Solar Cell Sales Market Share by Country in 2026

Figure 39. Americas Rigid CdTe Thin Film Solar Cell Revenue Market Share by Country (2021-2026)

Figure 40. Americas Rigid CdTe Thin Film Solar Cell Sales Market Share by Type (2021-2026)

Figure 41. Americas Rigid CdTe Thin Film Solar Cell Sales Market Share by Application (2021-2026)

Figure 42. United States Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 43. Canada Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 44. Mexico Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 45. Brazil Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 46. APAC Rigid CdTe Thin Film Solar Cell Sales Market Share by Region in 2026

Figure 47. APAC Rigid CdTe Thin Film Solar Cell Revenue Market Share by Region (2021-2026)

Figure 48. APAC Rigid CdTe Thin Film Solar Cell Sales Market Share by Type (2021-2026)

Figure 49. APAC Rigid CdTe Thin Film Solar Cell Sales Market Share by Application (2021-2026)

Figure 50. China Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 51. Japan Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 52. South Korea Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 53. Southeast Asia Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 54. India Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 55. Australia Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 56. China Taiwan Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 57. Europe Rigid CdTe Thin Film Solar Cell Sales Market Share by Country in 2026

Figure 58. Europe Rigid CdTe Thin Film Solar Cell Revenue Market Share by Country (2021-2026)

Figure 59. Europe Rigid CdTe Thin Film Solar Cell Sales Market Share by Type (2021-2026)

Figure 60. Europe Rigid CdTe Thin Film Solar Cell Sales Market Share by Application (2021-2026)

Figure 61. Germany Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 62. France Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 63. UK Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 64. Italy Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 65. Russia Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 66. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales Market Share by Country (2021-2026)

Figure 67. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales Market Share by Type (2021-2026)

Figure 68. Middle East & Africa Rigid CdTe Thin Film Solar Cell Sales Market Share by

Application (2021-2026)

Figure 69. Egypt Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 70. South Africa Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 71. Israel Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 72. Turkey Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 73. GCC Countries Rigid CdTe Thin Film Solar Cell Revenue Growth 2021-2026 (\$ millions)

Figure 74. Manufacturing Cost Structure Analysis of Rigid CdTe Thin Film Solar Cell in 2026

Figure 75. Manufacturing Process Analysis of Rigid CdTe Thin Film Solar Cell

Figure 76. Industry Chain Structure of Rigid CdTe Thin Film Solar Cell

Figure 77. Channels of Distribution

Figure 78. Global Rigid CdTe Thin Film Solar Cell Sales Market Forecast by Region (2027-2032)

Figure 79. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share Forecast by Region (2027-2032)

Figure 80. Global Rigid CdTe Thin Film Solar Cell Sales Market Share Forecast by Type (2027-2032)

Figure 81. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share Forecast by Type (2027-2032)

Figure 82. Global Rigid CdTe Thin Film Solar Cell Sales Market Share Forecast by Application (2027-2032)

Figure 83. Global Rigid CdTe Thin Film Solar Cell Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Rigid CdTe Thin Film Solar Cell Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G6C3A0065C9CEN.html>

Price: US\$ 3,660.00 (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/G6C3A0065C9CEN.html>