

Global CIGS Thin Film Cell Market Growth 2023-2029

<https://marketpublishers.com/r/G7413D12D127EN.html>

Date: February 2023

Pages: 107

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

ID: G7413D12D127EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Copper Indium Gallium Selenide (CIGS) thin film cells are similar to CdTe thin film cells in that they are also polycrystalline semiconductor thin film cells with all the advantages of CdTe cells.

LPI (LP Information)' newest research report, the "CIGS Thin Film Cell Industry Forecast" looks at past sales and reviews total world CIGS Thin Film Cell sales in 2022, providing a comprehensive analysis by region and market sector of projected CIGS Thin Film Cell sales for 2023 through 2029. With CIGS Thin Film Cell sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world CIGS Thin Film Cell industry.

This Insight Report provides a comprehensive analysis of the global CIGS Thin Film 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 CIGS Thin Film Cell portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global CIGS Thin Film Cell market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for CIGS Thin Film 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 CIGS Thin Film Cell.

The global CIGS Thin Film Cell market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for CIGS Thin Film Cell is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for CIGS Thin Film Cell is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for CIGS Thin Film Cell is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key CIGS Thin Film Cell players cover MANZ, First Solar, Honda Seltec, Showa Shell Solar, Würth Solar GmbH & Co. KG, SunPower, Anhui Hengzhi copper indium gallium selenium Technology, Hanergy Mobile Energy Holding Group and Triumph Science & Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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

Market Segmentation:

Segmentation by type

Thickness: 1-2 μm

Thickness: 2-3 μm

Thickness: 3-4 μm

Segmentation by application

BIPV

Automotive

Consumer Electronics

Energy

Other

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 analyzing the company's coverage, product portfolio, its market penetration.

MANZ

First Solar

Honda Seltec

Showa Shell Solar

W?rth Solar GmbH & Co. KG

Surfulcell

Anhui Hengzhi copper indium gallium selenium Technology

Hanergy Mobile Energy Holding Group

Triumph Science & Technology

Sun Harmonics

Key Questions Addressed in this Report

What is the 10-year outlook for the global CIGS Thin Film Cell market?

What factors are driving CIGS Thin Film Cell market growth, globally and by region?

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

How do CIGS Thin Film Cell market opportunities vary by end market size?

How does CIGS Thin Film Cell break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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 CIGS Thin Film Cell Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for CIGS Thin Film Cell by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for CIGS Thin Film Cell by Country/Region, 2018, 2022 & 2029
- 2.2 CIGS Thin Film Cell Segment by Type
 - 2.2.1 Thickness: 1-2 ?m
 - 2.2.2 Thickness: 2-3 ?m
 - 2.2.3 Thickness: 3-4 ?m
- 2.3 CIGS Thin Film Cell Sales by Type
 - 2.3.1 Global CIGS Thin Film Cell Sales Market Share by Type (2018-2023)
 - 2.3.2 Global CIGS Thin Film Cell Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global CIGS Thin Film Cell Sale Price by Type (2018-2023)
- 2.4 CIGS Thin Film Cell Segment by Application
 - 2.4.1 BIPV
 - 2.4.2 Automotive
 - 2.4.3 Consumer Electronics
 - 2.4.4 Energy
 - 2.4.5 Other
- 2.5 CIGS Thin Film Cell Sales by Application
 - 2.5.1 Global CIGS Thin Film Cell Sale Market Share by Application (2018-2023)
 - 2.5.2 Global CIGS Thin Film Cell Revenue and Market Share by Application (2018-2023)

2.5.3 Global CIGS Thin Film Cell Sale Price by Application (2018-2023)

3 GLOBAL CIGS THIN FILM CELL BY COMPANY

3.1 Global CIGS Thin Film Cell Breakdown Data by Company

3.1.1 Global CIGS Thin Film Cell Annual Sales by Company (2018-2023)

3.1.2 Global CIGS Thin Film Cell Sales Market Share by Company (2018-2023)

3.2 Global CIGS Thin Film Cell Annual Revenue by Company (2018-2023)

3.2.1 Global CIGS Thin Film Cell Revenue by Company (2018-2023)

3.2.2 Global CIGS Thin Film Cell Revenue Market Share by Company (2018-2023)

3.3 Global CIGS Thin Film Cell Sale Price by Company

3.4 Key Manufacturers CIGS Thin Film Cell Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers CIGS Thin Film Cell Product Location Distribution

3.4.2 Players CIGS Thin Film Cell Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR CIGS THIN FILM CELL BY GEOGRAPHIC REGION

4.1 World Historic CIGS Thin Film Cell Market Size by Geographic Region (2018-2023)

4.1.1 Global CIGS Thin Film Cell Annual Sales by Geographic Region (2018-2023)

4.1.2 Global CIGS Thin Film Cell Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic CIGS Thin Film Cell Market Size by Country/Region (2018-2023)

4.2.1 Global CIGS Thin Film Cell Annual Sales by Country/Region (2018-2023)

4.2.2 Global CIGS Thin Film Cell Annual Revenue by Country/Region (2018-2023)

4.3 Americas CIGS Thin Film Cell Sales Growth

4.4 APAC CIGS Thin Film Cell Sales Growth

4.5 Europe CIGS Thin Film Cell Sales Growth

4.6 Middle East & Africa CIGS Thin Film Cell Sales Growth

5 AMERICAS

5.1 Americas CIGS Thin Film Cell Sales by Country

5.1.1 Americas CIGS Thin Film Cell Sales by Country (2018-2023)

- 5.1.2 Americas CIGS Thin Film Cell Revenue by Country (2018-2023)
- 5.2 Americas CIGS Thin Film Cell Sales by Type
- 5.3 Americas CIGS Thin Film Cell Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC CIGS Thin Film Cell Sales by Region
 - 6.1.1 APAC CIGS Thin Film Cell Sales by Region (2018-2023)
 - 6.1.2 APAC CIGS Thin Film Cell Revenue by Region (2018-2023)
- 6.2 APAC CIGS Thin Film Cell Sales by Type
- 6.3 APAC CIGS Thin Film Cell Sales by Application
- 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 CIGS Thin Film Cell by Country
 - 7.1.1 Europe CIGS Thin Film Cell Sales by Country (2018-2023)
 - 7.1.2 Europe CIGS Thin Film Cell Revenue by Country (2018-2023)
- 7.2 Europe CIGS Thin Film Cell Sales by Type
- 7.3 Europe CIGS Thin Film Cell Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa CIGS Thin Film Cell by Country

- 8.1.1 Middle East & Africa CIGS Thin Film Cell Sales by Country (2018-2023)
- 8.1.2 Middle East & Africa CIGS Thin Film Cell Revenue by Country (2018-2023)
- 8.2 Middle East & Africa CIGS Thin Film Cell Sales by Type
- 8.3 Middle East & Africa CIGS Thin Film Cell Sales by Application
- 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 CIGS Thin Film Cell
- 10.3 Manufacturing Process Analysis of CIGS Thin Film Cell
- 10.4 Industry Chain Structure of CIGS Thin Film Cell

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 CIGS Thin Film Cell Distributors
- 11.3 CIGS Thin Film Cell Customer

12 WORLD FORECAST REVIEW FOR CIGS THIN FILM CELL BY GEOGRAPHIC REGION

- 12.1 Global CIGS Thin Film Cell Market Size Forecast by Region
 - 12.1.1 Global CIGS Thin Film Cell Forecast by Region (2024-2029)
 - 12.1.2 Global CIGS Thin Film Cell Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region

- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global CIGS Thin Film Cell Forecast by Type
- 12.7 Global CIGS Thin Film Cell Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 MANZ

- 13.1.1 MANZ Company Information
- 13.1.2 MANZ CIGS Thin Film Cell Product Portfolios and Specifications
- 13.1.3 MANZ CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.1.4 MANZ Main Business Overview
- 13.1.5 MANZ Latest Developments

13.2 First Solar

- 13.2.1 First Solar Company Information
- 13.2.2 First Solar CIGS Thin Film Cell Product Portfolios and Specifications
- 13.2.3 First Solar CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.2.4 First Solar Main Business Overview
- 13.2.5 First Solar Latest Developments

13.3 Honda Seltec

- 13.3.1 Honda Seltec Company Information
- 13.3.2 Honda Seltec CIGS Thin Film Cell Product Portfolios and Specifications
- 13.3.3 Honda Seltec CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.3.4 Honda Seltec Main Business Overview
- 13.3.5 Honda Seltec Latest Developments

13.4 Showa Shell Solar

- 13.4.1 Showa Shell Solar Company Information
- 13.4.2 Showa Shell Solar CIGS Thin Film Cell Product Portfolios and Specifications
- 13.4.3 Showa Shell Solar CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.4.4 Showa Shell Solar Main Business Overview
- 13.4.5 Showa Shell Solar Latest Developments

13.5 Würth Solar GmbH & Co. KG

- 13.5.1 Würth Solar GmbH & Co. KG Company Information
- 13.5.2 Würth Solar GmbH & Co. KG CIGS Thin Film Cell Product Portfolios and Specifications

13.5.3 W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 W?rth Solar GmbH & Co. KG Main Business Overview

13.5.5 W?rth Solar GmbH & Co. KG Latest Developments

13.6 Sunlfulcell

13.6.1 Sunlfulcell Company Information

13.6.2 Sunlfulcell CIGS Thin Film Cell Product Portfolios and Specifications

13.6.3 Sunlfulcell CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Sunlfulcell Main Business Overview

13.6.5 Sunlfulcell Latest Developments

13.7 Anhui Hengzhi copper indium gallium selenium Technology

13.7.1 Anhui Hengzhi copper indium gallium selenium Technology Company Information

13.7.2 Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Product Portfolios and Specifications

13.7.3 Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 Anhui Hengzhi copper indium gallium selenium Technology Main Business Overview

13.7.5 Anhui Hengzhi copper indium gallium selenium Technology Latest Developments

13.8 Hanergy Mobile Energy Holding Group

13.8.1 Hanergy Mobile Energy Holding Group Company Information

13.8.2 Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Product Portfolios and Specifications

13.8.3 Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.8.4 Hanergy Mobile Energy Holding Group Main Business Overview

13.8.5 Hanergy Mobile Energy Holding Group Latest Developments

13.9 Triumph Science & Technology

13.9.1 Triumph Science & Technology Company Information

13.9.2 Triumph Science & Technology CIGS Thin Film Cell Product Portfolios and Specifications

13.9.3 Triumph Science & Technology CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Triumph Science & Technology Main Business Overview

13.9.5 Triumph Science & Technology Latest Developments

13.10 Sun Harmonics

- 13.10.1 Sun Harmonics Company Information
- 13.10.2 Sun Harmonics CIGS Thin Film Cell Product Portfolios and Specifications
- 13.10.3 Sun Harmonics CIGS Thin Film Cell Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.10.4 Sun Harmonics Main Business Overview
- 13.10.5 Sun Harmonics Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. CIGS Thin Film Cell Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)
- Table 2. CIGS Thin Film Cell Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)
- Table 3. Major Players of Thickness: 1-2 ?m
- Table 4. Major Players of Thickness: 2-3 ?m
- Table 5. Major Players of Thickness: 3-4 ?m
- Table 6. Global CIGS Thin Film Cell Sales by Type (2018-2023) & (MW)
- Table 7. Global CIGS Thin Film Cell Sales Market Share by Type (2018-2023)
- Table 8. Global CIGS Thin Film Cell Revenue by Type (2018-2023) & (\$ million)
- Table 9. Global CIGS Thin Film Cell Revenue Market Share by Type (2018-2023)
- Table 10. Global CIGS Thin Film Cell Sale Price by Type (2018-2023) & (US\$/W)
- Table 11. Global CIGS Thin Film Cell Sales by Application (2018-2023) & (MW)
- Table 12. Global CIGS Thin Film Cell Sales Market Share by Application (2018-2023)
- Table 13. Global CIGS Thin Film Cell Revenue by Application (2018-2023)
- Table 14. Global CIGS Thin Film Cell Revenue Market Share by Application (2018-2023)
- Table 15. Global CIGS Thin Film Cell Sale Price by Application (2018-2023) & (US\$/W)
- Table 16. Global CIGS Thin Film Cell Sales by Company (2018-2023) & (MW)
- Table 17. Global CIGS Thin Film Cell Sales Market Share by Company (2018-2023)
- Table 18. Global CIGS Thin Film Cell Revenue by Company (2018-2023) (\$ Millions)
- Table 19. Global CIGS Thin Film Cell Revenue Market Share by Company (2018-2023)
- Table 20. Global CIGS Thin Film Cell Sale Price by Company (2018-2023) & (US\$/W)
- Table 21. Key Manufacturers CIGS Thin Film Cell Producing Area Distribution and Sales Area
- Table 22. Players CIGS Thin Film Cell Products Offered
- Table 23. CIGS Thin Film Cell Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- Table 24. New Products and Potential Entrants
- Table 25. Mergers & Acquisitions, Expansion
- Table 26. Global CIGS Thin Film Cell Sales by Geographic Region (2018-2023) & (MW)
- Table 27. Global CIGS Thin Film Cell Sales Market Share Geographic Region (2018-2023)
- Table 28. Global CIGS Thin Film Cell Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 29. Global CIGS Thin Film Cell Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global CIGS Thin Film Cell Sales by Country/Region (2018-2023) & (MW)

Table 31. Global CIGS Thin Film Cell Sales Market Share by Country/Region (2018-2023)

Table 32. Global CIGS Thin Film Cell Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global CIGS Thin Film Cell Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas CIGS Thin Film Cell Sales by Country (2018-2023) & (MW)

Table 35. Americas CIGS Thin Film Cell Sales Market Share by Country (2018-2023)

Table 36. Americas CIGS Thin Film Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas CIGS Thin Film Cell Revenue Market Share by Country (2018-2023)

Table 38. Americas CIGS Thin Film Cell Sales by Type (2018-2023) & (MW)

Table 39. Americas CIGS Thin Film Cell Sales by Application (2018-2023) & (MW)

Table 40. APAC CIGS Thin Film Cell Sales by Region (2018-2023) & (MW)

Table 41. APAC CIGS Thin Film Cell Sales Market Share by Region (2018-2023)

Table 42. APAC CIGS Thin Film Cell Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC CIGS Thin Film Cell Revenue Market Share by Region (2018-2023)

Table 44. APAC CIGS Thin Film Cell Sales by Type (2018-2023) & (MW)

Table 45. APAC CIGS Thin Film Cell Sales by Application (2018-2023) & (MW)

Table 46. Europe CIGS Thin Film Cell Sales by Country (2018-2023) & (MW)

Table 47. Europe CIGS Thin Film Cell Sales Market Share by Country (2018-2023)

Table 48. Europe CIGS Thin Film Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe CIGS Thin Film Cell Revenue Market Share by Country (2018-2023)

Table 50. Europe CIGS Thin Film Cell Sales by Type (2018-2023) & (MW)

Table 51. Europe CIGS Thin Film Cell Sales by Application (2018-2023) & (MW)

Table 52. Middle East & Africa CIGS Thin Film Cell Sales by Country (2018-2023) & (MW)

Table 53. Middle East & Africa CIGS Thin Film Cell Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa CIGS Thin Film Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa CIGS Thin Film Cell Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa CIGS Thin Film Cell Sales by Type (2018-2023) & (MW)

Table 57. Middle East & Africa CIGS Thin Film Cell Sales by Application (2018-2023) & (MW)

- Table 58. Key Market Drivers & Growth Opportunities of CIGS Thin Film Cell
- Table 59. Key Market Challenges & Risks of CIGS Thin Film Cell
- Table 60. Key Industry Trends of CIGS Thin Film Cell
- Table 61. CIGS Thin Film Cell Raw Material
- Table 62. Key Suppliers of Raw Materials
- Table 63. CIGS Thin Film Cell Distributors List
- Table 64. CIGS Thin Film Cell Customer List
- Table 65. Global CIGS Thin Film Cell Sales Forecast by Region (2024-2029) & (MW)
- Table 66. Global CIGS Thin Film Cell Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 67. Americas CIGS Thin Film Cell Sales Forecast by Country (2024-2029) & (MW)
- Table 68. Americas CIGS Thin Film Cell Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 69. APAC CIGS Thin Film Cell Sales Forecast by Region (2024-2029) & (MW)
- Table 70. APAC CIGS Thin Film Cell Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 71. Europe CIGS Thin Film Cell Sales Forecast by Country (2024-2029) & (MW)
- Table 72. Europe CIGS Thin Film Cell Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 73. Middle East & Africa CIGS Thin Film Cell Sales Forecast by Country (2024-2029) & (MW)
- Table 74. Middle East & Africa CIGS Thin Film Cell Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 75. Global CIGS Thin Film Cell Sales Forecast by Type (2024-2029) & (MW)
- Table 76. Global CIGS Thin Film Cell Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 77. Global CIGS Thin Film Cell Sales Forecast by Application (2024-2029) & (MW)
- Table 78. Global CIGS Thin Film Cell Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 79. MANZ Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors
- Table 80. MANZ CIGS Thin Film Cell Product Portfolios and Specifications
- Table 81. MANZ CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)
- Table 82. MANZ Main Business
- Table 83. MANZ Latest Developments
- Table 84. First Solar Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales

Area and Its Competitors

Table 85. First Solar CIGS Thin Film Cell Product Portfolios and Specifications

Table 86. First Solar CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 87. First Solar Main Business

Table 88. First Solar Latest Developments

Table 89. Honda Seltec Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 90. Honda Seltec CIGS Thin Film Cell Product Portfolios and Specifications

Table 91. Honda Seltec CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 92. Honda Seltec Main Business

Table 93. Honda Seltec Latest Developments

Table 94. Showa Shell Solar Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 95. Showa Shell Solar CIGS Thin Film Cell Product Portfolios and Specifications

Table 96. Showa Shell Solar CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 97. Showa Shell Solar Main Business

Table 98. Showa Shell Solar Latest Developments

Table 99. W?rth Solar GmbH & Co. KG Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 100. W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Product Portfolios and Specifications

Table 101. W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 102. W?rth Solar GmbH & Co. KG Main Business

Table 103. W?rth Solar GmbH & Co. KG Latest Developments

Table 104. Surfcell Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 105. Surfcell CIGS Thin Film Cell Product Portfolios and Specifications

Table 106. Surfcell CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 107. Surfcell Main Business

Table 108. Surfcell Latest Developments

Table 109. Anhui Hengzhi copper indium gallium selenium Technology Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 110. Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Product Portfolios and Specifications

Table 111. Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 112. Anhui Hengzhi copper indium gallium selenium Technology Main Business

Table 113. Anhui Hengzhi copper indium gallium selenium Technology Latest Developments

Table 114. Hanergy Mobile Energy Holding Group Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 115. Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Product Portfolios and Specifications

Table 116. Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 117. Hanergy Mobile Energy Holding Group Main Business

Table 118. Hanergy Mobile Energy Holding Group Latest Developments

Table 119. Triumph Science & Technology Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 120. Triumph Science & Technology CIGS Thin Film Cell Product Portfolios and Specifications

Table 121. Triumph Science & Technology CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 122. Triumph Science & Technology Main Business

Table 123. Triumph Science & Technology Latest Developments

Table 124. Sun Harmonics Basic Information, CIGS Thin Film Cell Manufacturing Base, Sales Area and Its Competitors

Table 125. Sun Harmonics CIGS Thin Film Cell Product Portfolios and Specifications

Table 126. Sun Harmonics CIGS Thin Film Cell Sales (MW), Revenue (\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 127. Sun Harmonics Main Business

Table 128. Sun Harmonics Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of CIGS Thin Film Cell
- Figure 2. CIGS Thin Film Cell Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global CIGS Thin Film Cell Sales Growth Rate 2018-2029 (MW)
- Figure 7. Global CIGS Thin Film Cell Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. CIGS Thin Film Cell Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Thickness: 1-2 μ m
- Figure 10. Product Picture of Thickness: 2-3 μ m
- Figure 11. Product Picture of Thickness: 3-4 μ m
- Figure 12. Global CIGS Thin Film Cell Sales Market Share by Type in 2022
- Figure 13. Global CIGS Thin Film Cell Revenue Market Share by Type (2018-2023)
- Figure 14. CIGS Thin Film Cell Consumed in BIPV
- Figure 15. Global CIGS Thin Film Cell Market: BIPV (2018-2023) & (MW)
- Figure 16. CIGS Thin Film Cell Consumed in Automotive
- Figure 17. Global CIGS Thin Film Cell Market: Automotive (2018-2023) & (MW)
- Figure 18. CIGS Thin Film Cell Consumed in Consumer Electronics
- Figure 19. Global CIGS Thin Film Cell Market: Consumer Electronics (2018-2023) & (MW)
- Figure 20. CIGS Thin Film Cell Consumed in Energy
- Figure 21. Global CIGS Thin Film Cell Market: Energy (2018-2023) & (MW)
- Figure 22. CIGS Thin Film Cell Consumed in Other
- Figure 23. Global CIGS Thin Film Cell Market: Other (2018-2023) & (MW)
- Figure 24. Global CIGS Thin Film Cell Sales Market Share by Application (2022)
- Figure 25. Global CIGS Thin Film Cell Revenue Market Share by Application in 2022
- Figure 26. CIGS Thin Film Cell Sales Market by Company in 2022 (MW)
- Figure 27. Global CIGS Thin Film Cell Sales Market Share by Company in 2022
- Figure 28. CIGS Thin Film Cell Revenue Market by Company in 2022 (\$ Million)
- Figure 29. Global CIGS Thin Film Cell Revenue Market Share by Company in 2022
- Figure 30. Global CIGS Thin Film Cell Sales Market Share by Geographic Region (2018-2023)
- Figure 31. Global CIGS Thin Film Cell Revenue Market Share by Geographic Region in 2022
- Figure 32. Americas CIGS Thin Film Cell Sales 2018-2023 (MW)

- Figure 33. Americas CIGS Thin Film Cell Revenue 2018-2023 (\$ Millions)
- Figure 34. APAC CIGS Thin Film Cell Sales 2018-2023 (MW)
- Figure 35. APAC CIGS Thin Film Cell Revenue 2018-2023 (\$ Millions)
- Figure 36. Europe CIGS Thin Film Cell Sales 2018-2023 (MW)
- Figure 37. Europe CIGS Thin Film Cell Revenue 2018-2023 (\$ Millions)
- Figure 38. Middle East & Africa CIGS Thin Film Cell Sales 2018-2023 (MW)
- Figure 39. Middle East & Africa CIGS Thin Film Cell Revenue 2018-2023 (\$ Millions)
- Figure 40. Americas CIGS Thin Film Cell Sales Market Share by Country in 2022
- Figure 41. Americas CIGS Thin Film Cell Revenue Market Share by Country in 2022
- Figure 42. Americas CIGS Thin Film Cell Sales Market Share by Type (2018-2023)
- Figure 43. Americas CIGS Thin Film Cell Sales Market Share by Application (2018-2023)
- Figure 44. United States CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 45. Canada CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 46. Mexico CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 47. Brazil CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 48. APAC CIGS Thin Film Cell Sales Market Share by Region in 2022
- Figure 49. APAC CIGS Thin Film Cell Revenue Market Share by Regions in 2022
- Figure 50. APAC CIGS Thin Film Cell Sales Market Share by Type (2018-2023)
- Figure 51. APAC CIGS Thin Film Cell Sales Market Share by Application (2018-2023)
- Figure 52. China CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 53. Japan CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 54. South Korea CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 55. Southeast Asia CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 56. India CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 57. Australia CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 58. China Taiwan CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 59. Europe CIGS Thin Film Cell Sales Market Share by Country in 2022
- Figure 60. Europe CIGS Thin Film Cell Revenue Market Share by Country in 2022
- Figure 61. Europe CIGS Thin Film Cell Sales Market Share by Type (2018-2023)
- Figure 62. Europe CIGS Thin Film Cell Sales Market Share by Application (2018-2023)
- Figure 63. Germany CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 64. France CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 65. UK CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 66. Italy CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 67. Russia CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)
- Figure 68. Middle East & Africa CIGS Thin Film Cell Sales Market Share by Country in 2022
- Figure 69. Middle East & Africa CIGS Thin Film Cell Revenue Market Share by Country

in 2022

Figure 70. Middle East & Africa CIGS Thin Film Cell Sales Market Share by Type (2018-2023)

Figure 71. Middle East & Africa CIGS Thin Film Cell Sales Market Share by Application (2018-2023)

Figure 72. Egypt CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 73. South Africa CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Israel CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 75. Turkey CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 76. GCC Country CIGS Thin Film Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 77. Manufacturing Cost Structure Analysis of CIGS Thin Film Cell in 2022

Figure 78. Manufacturing Process Analysis of CIGS Thin Film Cell

Figure 79. Industry Chain Structure of CIGS Thin Film Cell

Figure 80. Channels of Distribution

Figure 81. Global CIGS Thin Film Cell Sales Market Forecast by Region (2024-2029)

Figure 82. Global CIGS Thin Film Cell Revenue Market Share Forecast by Region (2024-2029)

Figure 83. Global CIGS Thin Film Cell Sales Market Share Forecast by Type (2024-2029)

Figure 84. Global CIGS Thin Film Cell Revenue Market Share Forecast by Type (2024-2029)

Figure 85. Global CIGS Thin Film Cell Sales Market Share Forecast by Application (2024-2029)

Figure 86. Global CIGS Thin Film Cell Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global CIGS Thin Film Cell Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G7413D12D127EN.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/G7413D12D127EN.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