

Global CIGS Thin Film Cell Market Research Report 2023

<https://marketpublishers.com/r/GC4C9983606AEN.html>

Date: October 2023

Pages: 137

Price: US\$ 2,900.00 (Single User License)

ID: GC4C9983606AEN

Abstracts

This report aims to provide a comprehensive presentation of the global market for CIGS Thin Film Cell, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding CIGS Thin Film Cell.

The CIGS Thin Film Cell market size, estimations, and forecasts are provided in terms of output/shipments (MW) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global CIGS Thin Film Cell market comprehensively. Regional market sizes, concerning products by type, by application and by players, are also provided.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the CIGS Thin Film Cell manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, by type, by application, and by regions.

By Company

MANZ

First Solar

Honda Seltec

Showa Shell Solar

W?rth Solar GmbH & Co. KG

Surifulcell

Anhui Hengzhi copper indium gallium selenium Technology

Hanergy Mobile Energy Holding Group

Triumph Science & Technology

Sun Harmonics

Segment by Type

Thickness: 1-2 ?m

Thickness: 2-3 ?m

Thickness: 3-4 ?m

Segment by Application

BIPV

Automotive

Consumer Electronics

Energy

Other

Production by Region

North America

Europe

China

Japan

Consumption by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

China Taiwan

Southeast Asia

India

Latin America

Mexico

Brazil

Core Chapters

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by region, by type, by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Detailed analysis of CIGS Thin Film Cell manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 3: Production/output, value of CIGS Thin Film Cell by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 4: Consumption of CIGS Thin Film Cell in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

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

Chapter 6: Provides the analysis of various market segments by application, covering

the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key players, introducing the basic situation of the key companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

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

Chapter 9: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 10: The main points and conclusions of the report.

Contents

1 CIGS THIN FILM CELL MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 CIGS Thin Film Cell Segment by Type
 - 1.2.1 Global CIGS Thin Film Cell Market Value Growth Rate Analysis by Type 2022 VS 2029
 - 1.2.2 Thickness: 1-2 μ m
 - 1.2.3 Thickness: 2-3 μ m
 - 1.2.4 Thickness: 3-4 μ m
- 1.3 CIGS Thin Film Cell Segment by Application
 - 1.3.1 Global CIGS Thin Film Cell Market Value Growth Rate Analysis by Application: 2022 VS 2029
 - 1.3.2 BIPV
 - 1.3.3 Automotive
 - 1.3.4 Consumer Electronics
 - 1.3.5 Energy
 - 1.3.6 Other
- 1.4 Global Market Growth Prospects
 - 1.4.1 Global CIGS Thin Film Cell Production Value Estimates and Forecasts (2018-2029)
 - 1.4.2 Global CIGS Thin Film Cell Production Capacity Estimates and Forecasts (2018-2029)
 - 1.4.3 Global CIGS Thin Film Cell Production Estimates and Forecasts (2018-2029)
 - 1.4.4 Global CIGS Thin Film Cell Market Average Price Estimates and Forecasts (2018-2029)
- 1.5 Assumptions and Limitations

2 MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global CIGS Thin Film Cell Production Market Share by Manufacturers (2018-2023)
- 2.2 Global CIGS Thin Film Cell Production Value Market Share by Manufacturers (2018-2023)
- 2.3 Global Key Players of CIGS Thin Film Cell, Industry Ranking, 2021 VS 2022 VS 2023
- 2.4 Global CIGS Thin Film Cell Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
- 2.5 Global CIGS Thin Film Cell Average Price by Manufacturers (2018-2023)

2.6 Global Key Manufacturers of CIGS Thin Film Cell, Manufacturing Base Distribution and Headquarters

2.7 Global Key Manufacturers of CIGS Thin Film Cell, Product Offered and Application

2.8 Global Key Manufacturers of CIGS Thin Film Cell, Date of Enter into This Industry

2.9 CIGS Thin Film Cell Market Competitive Situation and Trends

2.9.1 CIGS Thin Film Cell Market Concentration Rate

2.9.2 Global 5 and 10 Largest CIGS Thin Film Cell Players Market Share by Revenue

2.10 Mergers & Acquisitions, Expansion

3 CIGS THIN FILM CELL PRODUCTION BY REGION

3.1 Global CIGS Thin Film Cell Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.2 Global CIGS Thin Film Cell Production Value by Region (2018-2029)

3.2.1 Global CIGS Thin Film Cell Production Value Market Share by Region (2018-2023)

3.2.2 Global Forecasted Production Value of CIGS Thin Film Cell by Region (2024-2029)

3.3 Global CIGS Thin Film Cell Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

3.4 Global CIGS Thin Film Cell Production by Region (2018-2029)

3.4.1 Global CIGS Thin Film Cell Production Market Share by Region (2018-2023)

3.4.2 Global Forecasted Production of CIGS Thin Film Cell by Region (2024-2029)

3.5 Global CIGS Thin Film Cell Market Price Analysis by Region (2018-2023)

3.6 Global CIGS Thin Film Cell Production and Value, Year-over-Year Growth

3.6.1 North America CIGS Thin Film Cell Production Value Estimates and Forecasts (2018-2029)

3.6.2 Europe CIGS Thin Film Cell Production Value Estimates and Forecasts (2018-2029)

3.6.3 China CIGS Thin Film Cell Production Value Estimates and Forecasts (2018-2029)

3.6.4 Japan CIGS Thin Film Cell Production Value Estimates and Forecasts (2018-2029)

4 CIGS THIN FILM CELL CONSUMPTION BY REGION

4.1 Global CIGS Thin Film Cell Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

4.2 Global CIGS Thin Film Cell Consumption by Region (2018-2029)

- 4.2.1 Global CIGS Thin Film Cell Consumption by Region (2018-2023)
- 4.2.2 Global CIGS Thin Film Cell Forecasted Consumption by Region (2024-2029)
- 4.3 North America
 - 4.3.1 North America CIGS Thin Film Cell Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
 - 4.3.2 North America CIGS Thin Film Cell Consumption by Country (2018-2029)
 - 4.3.3 United States
 - 4.3.4 Canada
- 4.4 Europe
 - 4.4.1 Europe CIGS Thin Film Cell Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
 - 4.4.2 Europe CIGS Thin Film Cell Consumption by Country (2018-2029)
 - 4.4.3 Germany
 - 4.4.4 France
 - 4.4.5 U.K.
 - 4.4.6 Italy
 - 4.4.7 Russia
- 4.5 Asia Pacific
 - 4.5.1 Asia Pacific CIGS Thin Film Cell Consumption Growth Rate by Region: 2018 VS 2022 VS 2029
 - 4.5.2 Asia Pacific CIGS Thin Film Cell Consumption by Region (2018-2029)
 - 4.5.3 China
 - 4.5.4 Japan
 - 4.5.5 South Korea
 - 4.5.6 China Taiwan
 - 4.5.7 Southeast Asia
 - 4.5.8 India
- 4.6 Latin America, Middle East & Africa
 - 4.6.1 Latin America, Middle East & Africa CIGS Thin Film Cell Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
 - 4.6.2 Latin America, Middle East & Africa CIGS Thin Film Cell Consumption by Country (2018-2029)
 - 4.6.3 Mexico
 - 4.6.4 Brazil
 - 4.6.5 Turkey

5 SEGMENT BY TYPE

- 5.1 Global CIGS Thin Film Cell Production by Type (2018-2029)

- 5.1.1 Global CIGS Thin Film Cell Production by Type (2018-2023)
- 5.1.2 Global CIGS Thin Film Cell Production by Type (2024-2029)
- 5.1.3 Global CIGS Thin Film Cell Production Market Share by Type (2018-2029)
- 5.2 Global CIGS Thin Film Cell Production Value by Type (2018-2029)
 - 5.2.1 Global CIGS Thin Film Cell Production Value by Type (2018-2023)
 - 5.2.2 Global CIGS Thin Film Cell Production Value by Type (2024-2029)
 - 5.2.3 Global CIGS Thin Film Cell Production Value Market Share by Type (2018-2029)
- 5.3 Global CIGS Thin Film Cell Price by Type (2018-2029)

6 SEGMENT BY APPLICATION

- 6.1 Global CIGS Thin Film Cell Production by Application (2018-2029)
 - 6.1.1 Global CIGS Thin Film Cell Production by Application (2018-2023)
 - 6.1.2 Global CIGS Thin Film Cell Production by Application (2024-2029)
 - 6.1.3 Global CIGS Thin Film Cell Production Market Share by Application (2018-2029)
- 6.2 Global CIGS Thin Film Cell Production Value by Application (2018-2029)
 - 6.2.1 Global CIGS Thin Film Cell Production Value by Application (2018-2023)
 - 6.2.2 Global CIGS Thin Film Cell Production Value by Application (2024-2029)
 - 6.2.3 Global CIGS Thin Film Cell Production Value Market Share by Application (2018-2029)
- 6.3 Global CIGS Thin Film Cell Price by Application (2018-2029)

7 KEY COMPANIES PROFILED

- 7.1 MANZ
 - 7.1.1 MANZ CIGS Thin Film Cell Corporation Information
 - 7.1.2 MANZ CIGS Thin Film Cell Product Portfolio
 - 7.1.3 MANZ CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
 - 7.1.4 MANZ Main Business and Markets Served
 - 7.1.5 MANZ Recent Developments/Updates
- 7.2 First Solar
 - 7.2.1 First Solar CIGS Thin Film Cell Corporation Information
 - 7.2.2 First Solar CIGS Thin Film Cell Product Portfolio
 - 7.2.3 First Solar CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
 - 7.2.4 First Solar Main Business and Markets Served
 - 7.2.5 First Solar Recent Developments/Updates
- 7.3 Honda Seltec

- 7.3.1 Honda Seltec CIGS Thin Film Cell Corporation Information
- 7.3.2 Honda Seltec CIGS Thin Film Cell Product Portfolio
- 7.3.3 Honda Seltec CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
- 7.3.4 Honda Seltec Main Business and Markets Served
- 7.3.5 Honda Seltec Recent Developments/Updates
- 7.4 Showa Shell Solar
 - 7.4.1 Showa Shell Solar CIGS Thin Film Cell Corporation Information
 - 7.4.2 Showa Shell Solar CIGS Thin Film Cell Product Portfolio
 - 7.4.3 Showa Shell Solar CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
 - 7.4.4 Showa Shell Solar Main Business and Markets Served
 - 7.4.5 Showa Shell Solar Recent Developments/Updates
- 7.5 W?rth Solar GmbH & Co. KG
 - 7.5.1 W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Corporation Information
 - 7.5.2 W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Product Portfolio
 - 7.5.3 W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
 - 7.5.4 W?rth Solar GmbH & Co. KG Main Business and Markets Served
 - 7.5.5 W?rth Solar GmbH & Co. KG Recent Developments/Updates
- 7.6 Sunfulcell
 - 7.6.1 Sunfulcell CIGS Thin Film Cell Corporation Information
 - 7.6.2 Sunfulcell CIGS Thin Film Cell Product Portfolio
 - 7.6.3 Sunfulcell CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
 - 7.6.4 Sunfulcell Main Business and Markets Served
 - 7.6.5 Sunfulcell Recent Developments/Updates
- 7.7 Anhui Hengzhi copper indium gallium selenium Technology
 - 7.7.1 Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Corporation Information
 - 7.7.2 Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Product Portfolio
 - 7.7.3 Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)
 - 7.7.4 Anhui Hengzhi copper indium gallium selenium Technology Main Business and Markets Served
 - 7.7.5 Anhui Hengzhi copper indium gallium selenium Technology Recent Developments/Updates
- 7.8 Hanergy Mobile Energy Holding Group

7.8.1 Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Corporation Information

7.8.2 Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Product Portfolio

7.8.3 Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)

7.8.4 Hanergy Mobile Energy Holding Group Main Business and Markets Served

7.7.5 Hanergy Mobile Energy Holding Group Recent Developments/Updates

7.9 Triumph Science & Technology

7.9.1 Triumph Science & Technology CIGS Thin Film Cell Corporation Information

7.9.2 Triumph Science & Technology CIGS Thin Film Cell Product Portfolio

7.9.3 Triumph Science & Technology CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)

7.9.4 Triumph Science & Technology Main Business and Markets Served

7.9.5 Triumph Science & Technology Recent Developments/Updates

7.10 Sun Harmonics

7.10.1 Sun Harmonics CIGS Thin Film Cell Corporation Information

7.10.2 Sun Harmonics CIGS Thin Film Cell Product Portfolio

7.10.3 Sun Harmonics CIGS Thin Film Cell Production, Value, Price and Gross Margin (2018-2023)

7.10.4 Sun Harmonics Main Business and Markets Served

7.10.5 Sun Harmonics Recent Developments/Updates

8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS

8.1 CIGS Thin Film Cell Industry Chain Analysis

8.2 CIGS Thin Film Cell Key Raw Materials

8.2.1 Key Raw Materials

8.2.2 Raw Materials Key Suppliers

8.3 CIGS Thin Film Cell Production Mode & Process

8.4 CIGS Thin Film Cell Sales and Marketing

8.4.1 CIGS Thin Film Cell Sales Channels

8.4.2 CIGS Thin Film Cell Distributors

8.5 CIGS Thin Film Cell Customers

9 CIGS THIN FILM CELL MARKET DYNAMICS

9.1 CIGS Thin Film Cell Industry Trends

9.2 CIGS Thin Film Cell Market Drivers

9.3 CIGS Thin Film Cell Market Challenges

9.4 CIGS Thin Film Cell Market Restraints

10 RESEARCH FINDING AND CONCLUSION

11 METHODOLOGY AND DATA SOURCE

11.1 Methodology/Research Approach

11.1.1 Research Programs/Design

11.1.2 Market Size Estimation

11.1.3 Market Breakdown and Data Triangulation

11.2 Data Source

11.2.1 Secondary Sources

11.2.2 Primary Sources

11.3 Author List

11.4 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global CIGS Thin Film Cell Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global CIGS Thin Film Cell Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global CIGS Thin Film Cell Production Capacity (MW) by Manufacturers in 2022

Table 4. Global CIGS Thin Film Cell Production by Manufacturers (2018-2023) & (MW)

Table 5. Global CIGS Thin Film Cell Production Market Share by Manufacturers (2018-2023)

Table 6. Global CIGS Thin Film Cell Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global CIGS Thin Film Cell Production Value Share by Manufacturers (2018-2023)

Table 8. Global CIGS Thin Film Cell Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in CIGS Thin Film Cell as of 2022)

Table 10. Global Market CIGS Thin Film Cell Average Price by Manufacturers (US\$/W) & (2018-2023)

Table 11. Manufacturers CIGS Thin Film Cell Production Sites and Area Served

Table 12. Manufacturers CIGS Thin Film Cell Product Types

Table 13. Global CIGS Thin Film Cell Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global CIGS Thin Film Cell Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global CIGS Thin Film Cell Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global CIGS Thin Film Cell Production Value Market Share by Region (2018-2023)

Table 18. Global CIGS Thin Film Cell Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global CIGS Thin Film Cell Production Value Market Share Forecast by Region (2024-2029)

Table 20. Global CIGS Thin Film Cell Production Comparison by Region: 2018 VS 2022 VS 2029 (MW)

- Table 21. Global CIGS Thin Film Cell Production (MW) by Region (2018-2023)
- Table 22. Global CIGS Thin Film Cell Production Market Share by Region (2018-2023)
- Table 23. Global CIGS Thin Film Cell Production (MW) Forecast by Region (2024-2029)
- Table 24. Global CIGS Thin Film Cell Production Market Share Forecast by Region (2024-2029)
- Table 25. Global CIGS Thin Film Cell Market Average Price (US\$/W) by Region (2018-2023)
- Table 26. Global CIGS Thin Film Cell Market Average Price (US\$/W) by Region (2024-2029)
- Table 27. Global CIGS Thin Film Cell Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (MW)
- Table 28. Global CIGS Thin Film Cell Consumption by Region (2018-2023) & (MW)
- Table 29. Global CIGS Thin Film Cell Consumption Market Share by Region (2018-2023)
- Table 30. Global CIGS Thin Film Cell Forecasted Consumption by Region (2024-2029) & (MW)
- Table 31. Global CIGS Thin Film Cell Forecasted Consumption Market Share by Region (2018-2023)
- Table 32. North America CIGS Thin Film Cell Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MW)
- Table 33. North America CIGS Thin Film Cell Consumption by Country (2018-2023) & (MW)
- Table 34. North America CIGS Thin Film Cell Consumption by Country (2024-2029) & (MW)
- Table 35. Europe CIGS Thin Film Cell Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MW)
- Table 36. Europe CIGS Thin Film Cell Consumption by Country (2018-2023) & (MW)
- Table 37. Europe CIGS Thin Film Cell Consumption by Country (2024-2029) & (MW)
- Table 38. Asia Pacific CIGS Thin Film Cell Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (MW)
- Table 39. Asia Pacific CIGS Thin Film Cell Consumption by Region (2018-2023) & (MW)
- Table 40. Asia Pacific CIGS Thin Film Cell Consumption by Region (2024-2029) & (MW)
- Table 41. Latin America, Middle East & Africa CIGS Thin Film Cell Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (MW)
- Table 42. Latin America, Middle East & Africa CIGS Thin Film Cell Consumption by Country (2018-2023) & (MW)
- Table 43. Latin America, Middle East & Africa CIGS Thin Film Cell Consumption by

Country (2024-2029) & (MW)

Table 44. Global CIGS Thin Film Cell Production (MW) by Type (2018-2023)

Table 45. Global CIGS Thin Film Cell Production (MW) by Type (2024-2029)

Table 46. Global CIGS Thin Film Cell Production Market Share by Type (2018-2023)

Table 47. Global CIGS Thin Film Cell Production Market Share by Type (2024-2029)

Table 48. Global CIGS Thin Film Cell Production Value (US\$ Million) by Type (2018-2023)

Table 49. Global CIGS Thin Film Cell Production Value (US\$ Million) by Type (2024-2029)

Table 50. Global CIGS Thin Film Cell Production Value Share by Type (2018-2023)

Table 51. Global CIGS Thin Film Cell Production Value Share by Type (2024-2029)

Table 52. Global CIGS Thin Film Cell Price (US\$/W) by Type (2018-2023)

Table 53. Global CIGS Thin Film Cell Price (US\$/W) by Type (2024-2029)

Table 54. Global CIGS Thin Film Cell Production (MW) by Application (2018-2023)

Table 55. Global CIGS Thin Film Cell Production (MW) by Application (2024-2029)

Table 56. Global CIGS Thin Film Cell Production Market Share by Application (2018-2023)

Table 57. Global CIGS Thin Film Cell Production Market Share by Application (2024-2029)

Table 58. Global CIGS Thin Film Cell Production Value (US\$ Million) by Application (2018-2023)

Table 59. Global CIGS Thin Film Cell Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global CIGS Thin Film Cell Production Value Share by Application (2018-2023)

Table 61. Global CIGS Thin Film Cell Production Value Share by Application (2024-2029)

Table 62. Global CIGS Thin Film Cell Price (US\$/W) by Application (2018-2023)

Table 63. Global CIGS Thin Film Cell Price (US\$/W) by Application (2024-2029)

Table 64. MANZ CIGS Thin Film Cell Corporation Information

Table 65. MANZ Specification and Application

Table 66. MANZ CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 67. MANZ Main Business and Markets Served

Table 68. MANZ Recent Developments/Updates

Table 69. First Solar CIGS Thin Film Cell Corporation Information

Table 70. First Solar Specification and Application

Table 71. First Solar CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

- Table 72. First Solar Main Business and Markets Served
- Table 73. First Solar Recent Developments/Updates
- Table 74. Honda Seltec CIGS Thin Film Cell Corporation Information
- Table 75. Honda Seltec Specification and Application
- Table 76. Honda Seltec CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)
- Table 77. Honda Seltec Main Business and Markets Served
- Table 78. Honda Seltec Recent Developments/Updates
- Table 79. Showa Shell Solar CIGS Thin Film Cell Corporation Information
- Table 80. Showa Shell Solar Specification and Application
- Table 81. Showa Shell Solar CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)
- Table 82. Showa Shell Solar Main Business and Markets Served
- Table 83. Showa Shell Solar Recent Developments/Updates
- Table 84. W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Corporation Information
- Table 85. W?rth Solar GmbH & Co. KG Specification and Application
- Table 86. W?rth Solar GmbH & Co. KG CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)
- Table 87. W?rth Solar GmbH & Co. KG Main Business and Markets Served
- Table 88. W?rth Solar GmbH & Co. KG Recent Developments/Updates
- Table 89. Sunfulcell CIGS Thin Film Cell Corporation Information
- Table 90. Sunfulcell Specification and Application
- Table 91. Sunfulcell CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)
- Table 92. Sunfulcell Main Business and Markets Served
- Table 93. Sunfulcell Recent Developments/Updates
- Table 94. Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Corporation Information
- Table 95. Anhui Hengzhi copper indium gallium selenium Technology Specification and Application
- Table 96. Anhui Hengzhi copper indium gallium selenium Technology CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)
- Table 97. Anhui Hengzhi copper indium gallium selenium Technology Main Business and Markets Served
- Table 98. Anhui Hengzhi copper indium gallium selenium Technology Recent Developments/Updates
- Table 99. Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Corporation Information

Table 100. Hanergy Mobile Energy Holding Group Specification and Application

Table 101. Hanergy Mobile Energy Holding Group CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 102. Hanergy Mobile Energy Holding Group Main Business and Markets Served

Table 103. Hanergy Mobile Energy Holding Group Recent Developments/Updates

Table 104. Triumph Science & Technology CIGS Thin Film Cell Corporation Information

Table 105. Triumph Science & Technology Specification and Application

Table 106. Triumph Science & Technology CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 107. Triumph Science & Technology Main Business and Markets Served

Table 108. Triumph Science & Technology Recent Developments/Updates

Table 109. Sun Harmonics CIGS Thin Film Cell Corporation Information

Table 110. Sun Harmonics Specification and Application

Table 111. Sun Harmonics CIGS Thin Film Cell Production (MW), Value (US\$ Million), Price (US\$/W) and Gross Margin (2018-2023)

Table 112. Sun Harmonics Main Business and Markets Served

Table 113. Sun Harmonics Recent Developments/Updates

Table 114. Key Raw Materials Lists

Table 115. Raw Materials Key Suppliers Lists

Table 116. CIGS Thin Film Cell Distributors List

Table 117. CIGS Thin Film Cell Customers List

Table 118. CIGS Thin Film Cell Market Trends

Table 119. CIGS Thin Film Cell Market Drivers

Table 120. CIGS Thin Film Cell Market Challenges

Table 121. CIGS Thin Film Cell Market Restraints

Table 122. Research Programs/Design for This Report

Table 123. Key Data Information from Secondary Sources

Table 124. Key Data Information from Primary Sources

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of CIGS Thin Film Cell

Figure 2. Global CIGS Thin Film Cell Market Value by Type, (US\$ Million) & (2022 VS 2029)

Figure 3. Global CIGS Thin Film Cell Market Share by Type: 2022 VS 2029

Figure 4. Thickness: 1-2 μ m Product Picture

Figure 5. Thickness: 2-3 μ m Product Picture

Figure 6. Thickness: 3-4 μ m Product Picture

Figure 7. Global CIGS Thin Film Cell Market Value by Application, (US\$ Million) & (2022 VS 2029)

Figure 8. Global CIGS Thin Film Cell Market Share by Application: 2022 VS 2029

Figure 9. BIPV

Figure 10. Automotive

Figure 11. Consumer Electronics

Figure 12. Energy

Figure 13. Other

Figure 14. Global CIGS Thin Film Cell Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 15. Global CIGS Thin Film Cell Production Value (US\$ Million) & (2018-2029)

Figure 16. Global CIGS Thin Film Cell Production (MW) & (2018-2029)

Figure 17. Global CIGS Thin Film Cell Average Price (US\$/W) & (2018-2029)

Figure 18. CIGS Thin Film Cell Report Years Considered

Figure 19. CIGS Thin Film Cell Production Share by Manufacturers in 2022

Figure 20. CIGS Thin Film Cell Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 21. The Global 5 and 10 Largest Players: Market Share by CIGS Thin Film Cell Revenue in 2022

Figure 22. Global CIGS Thin Film Cell Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 23. Global CIGS Thin Film Cell Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 24. Global CIGS Thin Film Cell Production Comparison by Region: 2018 VS 2022 VS 2029 (MW)

Figure 25. Global CIGS Thin Film Cell Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 26. North America CIGS Thin Film Cell Production Value (US\$ Million) Growth

Rate (2018-2029)

Figure 27. Europe CIGS Thin Film Cell Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. China CIGS Thin Film Cell Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. Japan CIGS Thin Film Cell Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. Global CIGS Thin Film Cell Consumption by Region: 2018 VS 2022 VS 2029 (MW)

Figure 31. Global CIGS Thin Film Cell Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 32. North America CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 33. North America CIGS Thin Film Cell Consumption Market Share by Country (2018-2029)

Figure 34. Canada CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 35. U.S. CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 36. Europe CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 37. Europe CIGS Thin Film Cell Consumption Market Share by Country (2018-2029)

Figure 38. Germany CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 39. France CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 40. U.K. CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 41. Italy CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 42. Russia CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 43. Asia Pacific CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 44. Asia Pacific CIGS Thin Film Cell Consumption Market Share by Regions (2018-2029)

Figure 45. China CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 46. Japan CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 47. South Korea CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 48. China Taiwan CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 49. Southeast Asia CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 50. India CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 51. Latin America, Middle East & Africa CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 52. Latin America, Middle East & Africa CIGS Thin Film Cell Consumption Market Share by Country (2018-2029)

Figure 53. Mexico CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 54. Brazil CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 55. Turkey CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 56. GCC Countries CIGS Thin Film Cell Consumption and Growth Rate (2018-2023) & (MW)

Figure 57. Global Production Market Share of CIGS Thin Film Cell by Type (2018-2029)

Figure 58. Global Production Value Market Share of CIGS Thin Film Cell by Type (2018-2029)

Figure 59. Global CIGS Thin Film Cell Price (US\$/W) by Type (2018-2029)

Figure 60. Global Production Market Share of CIGS Thin Film Cell by Application (2018-2029)

Figure 61. Global Production Value Market Share of CIGS Thin Film Cell by Application (2018-2029)

Figure 62. Global CIGS Thin Film Cell Price (US\$/W) by Application (2018-2029)

Figure 63. CIGS Thin Film Cell Value Chain

Figure 64. CIGS Thin Film Cell Production Process

Figure 65. Channels of Distribution (Direct Vs Distribution)

Figure 66. Distributors Profiles

Figure 67. Bottom-up and Top-down Approaches for This Report

Figure 68. Data Triangulation

I would like to order

Product name: Global CIGS Thin Film Cell Market Research Report 2023

Product link: <https://marketpublishers.com/r/GC4C9983606AEN.html>

Price: US\$ 2,900.00 (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/GC4C9983606AEN.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