

Global CIGS Solar Panels Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GF2A1B10C82FEN.html>

Date: September 2025

Pages: 127

Price: US\$ 3,132.00 (Single User License)

ID: GF2A1B10C82FEN

Abstracts

According to our (Global Info Research) latest study, the global CIGS Solar Panels market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

CIGS solar panels have stable performance and strong radiation resistance. The photoelectric conversion efficiency is the first among all kinds of thin-film solar cells, which is close to the conversion efficiency of crystalline silicon solar cells, the mainstream product in the market, but the cost is 1/3 of that. It is precisely because of its excellent performance that it is called the next generation of cheap solar cells internationally. It has broad market prospects whether it is used for ground sunlight power generation or for the application of space micro-satellite power supplies.

This report is a detailed and comprehensive analysis for global CIGS Solar Panels market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global CIGS Solar Panels market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global CIGS Solar Panels market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices

(US\$/Unit), 2020-2031

Global CIGS Solar Panels market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global CIGS Solar Panels market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

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

To assess the growth potential for CIGS Solar Panels

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

To assess competitive factors affecting the marketplace

This report profiles key players in the global CIGS Solar Panels market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Manz, SoloPower, Dr. Eberl MBE-Komponenten GmbH, GSHK, Flisom, AVANCIS, Solar Frontier, ZSW, Midsummer, AQT Solar, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

CIGS Solar Panels market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Reactive Sputtering

Hybrid Sputtering

Co-evaporation

Sputter Selenization

Full Sputtering

Electrodeposition

Screen Printing

Market segment by Application

Offshore PV

Building Glass Curtain Wall

Substrate Glass

Commercial Power Station

Others

Major players covered

Manz

SoloPower

Dr. Eberl MBE-Komponenten GmbH

GSHK

Flisom

AVANCIS

Solar Frontier

ZSW

Midsummer

AQT Solar

Solyndra

Nanosolar

MiaSol?

DS New Energy

China National Building Material Group Co., Ltd

Hanergy Mobile Energy Holding Group Limited

Kaisheng Technology Group Co., Ltd.

Sun Harmonics Co., Ltd

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

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

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe CIGS Solar Panels product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of CIGS Solar Panels, with price, sales quantity, revenue, and global market share of CIGS Solar Panels from 2020 to 2025.

Chapter 3, the CIGS Solar Panels competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the CIGS Solar Panels breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and CIGS Solar Panels market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of CIGS Solar Panels.

Chapter 14 and 15, to describe CIGS Solar Panels sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global CIGS Solar Panels Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Reactive Sputtering

1.3.3 Hybrid Sputtering

1.3.4 Co-evaporation

1.3.5 Sputter Selenization

1.3.6 Full Sputtering

1.3.7 Electrodeposition

1.3.8 Screen Printing

1.4 Market Analysis by Application

1.4.1 Overview: Global CIGS Solar Panels Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Offshore PV

1.4.3 Building Glass Curtain Wall

1.4.4 Substrate Glass

1.4.5 Commercial Power Station

1.4.6 Others

1.5 Global CIGS Solar Panels Market Size & Forecast

1.5.1 Global CIGS Solar Panels Consumption Value (2020 & 2024 & 2031)

1.5.2 Global CIGS Solar Panels Sales Quantity (2020-2031)

1.5.3 Global CIGS Solar Panels Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Manz

2.1.1 Manz Details

2.1.2 Manz Major Business

2.1.3 Manz CIGS Solar Panels Product and Services

2.1.4 Manz CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Manz Recent Developments/Updates

2.2 SoloPower

- 2.2.1 SoloPower Details
- 2.2.2 SoloPower Major Business
- 2.2.3 SoloPower CIGS Solar Panels Product and Services
- 2.2.4 SoloPower CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.2.5 SoloPower Recent Developments/Updates
- 2.3 Dr. Eberl MBE-Komponenten GmbH
 - 2.3.1 Dr. Eberl MBE-Komponenten GmbH Details
 - 2.3.2 Dr. Eberl MBE-Komponenten GmbH Major Business
 - 2.3.3 Dr. Eberl MBE-Komponenten GmbH CIGS Solar Panels Product and Services
 - 2.3.4 Dr. Eberl MBE-Komponenten GmbH CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.3.5 Dr. Eberl MBE-Komponenten GmbH Recent Developments/Updates
- 2.4 GSHK
 - 2.4.1 GSHK Details
 - 2.4.2 GSHK Major Business
 - 2.4.3 GSHK CIGS Solar Panels Product and Services
 - 2.4.4 GSHK CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.4.5 GSHK Recent Developments/Updates
- 2.5 Flisom
 - 2.5.1 Flisom Details
 - 2.5.2 Flisom Major Business
 - 2.5.3 Flisom CIGS Solar Panels Product and Services
 - 2.5.4 Flisom CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.5.5 Flisom Recent Developments/Updates
- 2.6 AVANCIS
 - 2.6.1 AVANCIS Details
 - 2.6.2 AVANCIS Major Business
 - 2.6.3 AVANCIS CIGS Solar Panels Product and Services
 - 2.6.4 AVANCIS CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.6.5 AVANCIS Recent Developments/Updates
- 2.7 Solar Frontier
 - 2.7.1 Solar Frontier Details
 - 2.7.2 Solar Frontier Major Business
 - 2.7.3 Solar Frontier CIGS Solar Panels Product and Services
 - 2.7.4 Solar Frontier CIGS Solar Panels Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2020-2025)

2.7.5 Solar Frontier Recent Developments/Updates

2.8 ZSW

2.8.1 ZSW Details

2.8.2 ZSW Major Business

2.8.3 ZSW CIGS Solar Panels Product and Services

2.8.4 ZSW CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.8.5 ZSW Recent Developments/Updates

2.9 Midsummer

2.9.1 Midsummer Details

2.9.2 Midsummer Major Business

2.9.3 Midsummer CIGS Solar Panels Product and Services

2.9.4 Midsummer CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.9.5 Midsummer Recent Developments/Updates

2.10 AQT Solar

2.10.1 AQT Solar Details

2.10.2 AQT Solar Major Business

2.10.3 AQT Solar CIGS Solar Panels Product and Services

2.10.4 AQT Solar CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.10.5 AQT Solar Recent Developments/Updates

2.11 Solyndra

2.11.1 Solyndra Details

2.11.2 Solyndra Major Business

2.11.3 Solyndra CIGS Solar Panels Product and Services

2.11.4 Solyndra CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.11.5 Solyndra Recent Developments/Updates

2.12 Nanosolar

2.12.1 Nanosolar Details

2.12.2 Nanosolar Major Business

2.12.3 Nanosolar CIGS Solar Panels Product and Services

2.12.4 Nanosolar CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Nanosolar Recent Developments/Updates

2.13 MiaSol?

2.13.1 MiaSol? Details

- 2.13.2 MiaSol? Major Business
- 2.13.3 MiaSol? CIGS Solar Panels Product and Services
- 2.13.4 MiaSol? CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.13.5 MiaSol? Recent Developments/Updates
- 2.14 DS New Energy
 - 2.14.1 DS New Energy Details
 - 2.14.2 DS New Energy Major Business
 - 2.14.3 DS New Energy CIGS Solar Panels Product and Services
 - 2.14.4 DS New Energy CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.14.5 DS New Energy Recent Developments/Updates
- 2.15 China National Building Material Group Co., Ltd
 - 2.15.1 China National Building Material Group Co., Ltd Details
 - 2.15.2 China National Building Material Group Co., Ltd Major Business
 - 2.15.3 China National Building Material Group Co., Ltd CIGS Solar Panels Product and Services
 - 2.15.4 China National Building Material Group Co., Ltd CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.15.5 China National Building Material Group Co., Ltd Recent Developments/Updates
- 2.16 Hanergy Mobile Energy Holding Group Limited
 - 2.16.1 Hanergy Mobile Energy Holding Group Limited Details
 - 2.16.2 Hanergy Mobile Energy Holding Group Limited Major Business
 - 2.16.3 Hanergy Mobile Energy Holding Group Limited CIGS Solar Panels Product and Services
 - 2.16.4 Hanergy Mobile Energy Holding Group Limited CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.16.5 Hanergy Mobile Energy Holding Group Limited Recent Developments/Updates
- 2.17 Kaisheng Technology Group Co., Ltd.
 - 2.17.1 Kaisheng Technology Group Co., Ltd. Details
 - 2.17.2 Kaisheng Technology Group Co., Ltd. Major Business
 - 2.17.3 Kaisheng Technology Group Co., Ltd. CIGS Solar Panels Product and Services
 - 2.17.4 Kaisheng Technology Group Co., Ltd. CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.17.5 Kaisheng Technology Group Co., Ltd. Recent Developments/Updates
- 2.18 Sun Harmonics Co., Ltd
 - 2.18.1 Sun Harmonics Co., Ltd Details
 - 2.18.2 Sun Harmonics Co., Ltd Major Business
 - 2.18.3 Sun Harmonics Co., Ltd CIGS Solar Panels Product and Services

2.18.4 Sun Harmonics Co., Ltd CIGS Solar Panels Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.18.5 Sun Harmonics Co., Ltd Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: CIGS SOLAR PANELS BY MANUFACTURER

3.1 Global CIGS Solar Panels Sales Quantity by Manufacturer (2020-2025)

3.2 Global CIGS Solar Panels Revenue by Manufacturer (2020-2025)

3.3 Global CIGS Solar Panels Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of CIGS Solar Panels by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 CIGS Solar Panels Manufacturer Market Share in 2024

3.4.3 Top 6 CIGS Solar Panels Manufacturer Market Share in 2024

3.5 CIGS Solar Panels Market: Overall Company Footprint Analysis

3.5.1 CIGS Solar Panels Market: Region Footprint

3.5.2 CIGS Solar Panels Market: Company Product Type Footprint

3.5.3 CIGS Solar Panels Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global CIGS Solar Panels Market Size by Region

4.1.1 Global CIGS Solar Panels Sales Quantity by Region (2020-2031)

4.1.2 Global CIGS Solar Panels Consumption Value by Region (2020-2031)

4.1.3 Global CIGS Solar Panels Average Price by Region (2020-2031)

4.2 North America CIGS Solar Panels Consumption Value (2020-2031)

4.3 Europe CIGS Solar Panels Consumption Value (2020-2031)

4.4 Asia-Pacific CIGS Solar Panels Consumption Value (2020-2031)

4.5 South America CIGS Solar Panels Consumption Value (2020-2031)

4.6 Middle East & Africa CIGS Solar Panels Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global CIGS Solar Panels Sales Quantity by Type (2020-2031)

5.2 Global CIGS Solar Panels Consumption Value by Type (2020-2031)

5.3 Global CIGS Solar Panels Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global CIGS Solar Panels Sales Quantity by Application (2020-2031)
- 6.2 Global CIGS Solar Panels Consumption Value by Application (2020-2031)
- 6.3 Global CIGS Solar Panels Average Price by Application (2020-2031)

7 NORTH AMERICA

- 7.1 North America CIGS Solar Panels Sales Quantity by Type (2020-2031)
- 7.2 North America CIGS Solar Panels Sales Quantity by Application (2020-2031)
- 7.3 North America CIGS Solar Panels Market Size by Country
 - 7.3.1 North America CIGS Solar Panels Sales Quantity by Country (2020-2031)
 - 7.3.2 North America CIGS Solar Panels Consumption Value by Country (2020-2031)
 - 7.3.3 United States Market Size and Forecast (2020-2031)
 - 7.3.4 Canada Market Size and Forecast (2020-2031)
 - 7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

- 8.1 Europe CIGS Solar Panels Sales Quantity by Type (2020-2031)
- 8.2 Europe CIGS Solar Panels Sales Quantity by Application (2020-2031)
- 8.3 Europe CIGS Solar Panels Market Size by Country
 - 8.3.1 Europe CIGS Solar Panels Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe CIGS Solar Panels Consumption Value by Country (2020-2031)
 - 8.3.3 Germany Market Size and Forecast (2020-2031)
 - 8.3.4 France Market Size and Forecast (2020-2031)
 - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
 - 8.3.6 Russia Market Size and Forecast (2020-2031)
 - 8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific CIGS Solar Panels Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific CIGS Solar Panels Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific CIGS Solar Panels Market Size by Region
 - 9.3.1 Asia-Pacific CIGS Solar Panels Sales Quantity by Region (2020-2031)
 - 9.3.2 Asia-Pacific CIGS Solar Panels Consumption Value by Region (2020-2031)
 - 9.3.3 China Market Size and Forecast (2020-2031)
 - 9.3.4 Japan Market Size and Forecast (2020-2031)

- 9.3.5 South Korea Market Size and Forecast (2020-2031)
- 9.3.6 India Market Size and Forecast (2020-2031)
- 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
- 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America CIGS Solar Panels Sales Quantity by Type (2020-2031)
- 10.2 South America CIGS Solar Panels Sales Quantity by Application (2020-2031)
- 10.3 South America CIGS Solar Panels Market Size by Country
 - 10.3.1 South America CIGS Solar Panels Sales Quantity by Country (2020-2031)
 - 10.3.2 South America CIGS Solar Panels Consumption Value by Country (2020-2031)
 - 10.3.3 Brazil Market Size and Forecast (2020-2031)
 - 10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa CIGS Solar Panels Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa CIGS Solar Panels Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa CIGS Solar Panels Market Size by Country
 - 11.3.1 Middle East & Africa CIGS Solar Panels Sales Quantity by Country (2020-2031)
 - 11.3.2 Middle East & Africa CIGS Solar Panels Consumption Value by Country (2020-2031)
 - 11.3.3 Turkey Market Size and Forecast (2020-2031)
 - 11.3.4 Egypt Market Size and Forecast (2020-2031)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
 - 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 CIGS Solar Panels Market Drivers
- 12.2 CIGS Solar Panels Market Restraints
- 12.3 CIGS Solar Panels Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of CIGS Solar Panels and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of CIGS Solar Panels
- 13.3 CIGS Solar Panels Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 CIGS Solar Panels Typical Distributors
- 14.3 CIGS Solar Panels Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Figures

LIST OF FIGURES

Table 1. Global CIGS Solar Panels Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global CIGS Solar Panels Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Manz Basic Information, Manufacturing Base and Competitors

Table 4. Manz Major Business

Table 5. Manz CIGS Solar Panels Product and Services

Table 6. Manz CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Manz Recent Developments/Updates

Table 8. SoloPower Basic Information, Manufacturing Base and Competitors

Table 9. SoloPower Major Business

Table 10. SoloPower CIGS Solar Panels Product and Services

Table 11. SoloPower CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. SoloPower Recent Developments/Updates

Table 13. Dr. Eberl MBE-Komponenten GmbH Basic Information, Manufacturing Base and Competitors

Table 14. Dr. Eberl MBE-Komponenten GmbH Major Business

Table 15. Dr. Eberl MBE-Komponenten GmbH CIGS Solar Panels Product and Services

Table 16. Dr. Eberl MBE-Komponenten GmbH CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Dr. Eberl MBE-Komponenten GmbH Recent Developments/Updates

Table 18. GSHK Basic Information, Manufacturing Base and Competitors

Table 19. GSHK Major Business

Table 20. GSHK CIGS Solar Panels Product and Services

Table 21. GSHK CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. GSHK Recent Developments/Updates

Table 23. Flisom Basic Information, Manufacturing Base and Competitors

Table 24. Flisom Major Business

Table 25. Flisom CIGS Solar Panels Product and Services

Table 26. Flisom CIGS Solar Panels Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Flisom Recent Developments/Updates

Table 28. AVANCIS Basic Information, Manufacturing Base and Competitors

Table 29. AVANCIS Major Business

Table 30. AVANCIS CIGS Solar Panels Product and Services

Table 31. AVANCIS CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. AVANCIS Recent Developments/Updates

Table 33. Solar Frontier Basic Information, Manufacturing Base and Competitors

Table 34. Solar Frontier Major Business

Table 35. Solar Frontier CIGS Solar Panels Product and Services

Table 36. Solar Frontier CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Solar Frontier Recent Developments/Updates

Table 38. ZSW Basic Information, Manufacturing Base and Competitors

Table 39. ZSW Major Business

Table 40. ZSW CIGS Solar Panels Product and Services

Table 41. ZSW CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. ZSW Recent Developments/Updates

Table 43. Midsummer Basic Information, Manufacturing Base and Competitors

Table 44. Midsummer Major Business

Table 45. Midsummer CIGS Solar Panels Product and Services

Table 46. Midsummer CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Midsummer Recent Developments/Updates

Table 48. AQT Solar Basic Information, Manufacturing Base and Competitors

Table 49. AQT Solar Major Business

Table 50. AQT Solar CIGS Solar Panels Product and Services

Table 51. AQT Solar CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. AQT Solar Recent Developments/Updates

Table 53. Solyndra Basic Information, Manufacturing Base and Competitors

Table 54. Solyndra Major Business

Table 55. Solyndra CIGS Solar Panels Product and Services

Table 56. Solyndra CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Solyndra Recent Developments/Updates

Table 58. Nanosolar Basic Information, Manufacturing Base and Competitors

Table 59. Nanosolar Major Business

Table 60. Nanosolar CIGS Solar Panels Product and Services

Table 61. Nanosolar CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Nanosolar Recent Developments/Updates

Table 63. MiaSol? Basic Information, Manufacturing Base and Competitors

Table 64. MiaSol? Major Business

Table 65. MiaSol? CIGS Solar Panels Product and Services

Table 66. MiaSol? CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. MiaSol? Recent Developments/Updates

Table 68. DS New Energy Basic Information, Manufacturing Base and Competitors

Table 69. DS New Energy Major Business

Table 70. DS New Energy CIGS Solar Panels Product and Services

Table 71. DS New Energy CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. DS New Energy Recent Developments/Updates

Table 73. China National Building Material Group Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 74. China National Building Material Group Co., Ltd Major Business

Table 75. China National Building Material Group Co., Ltd CIGS Solar Panels Product and Services

Table 76. China National Building Material Group Co., Ltd CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. China National Building Material Group Co., Ltd Recent Developments/Updates

Table 78. Hanergy Mobile Energy Holding Group Limited Basic Information, Manufacturing Base and Competitors

Table 79. Hanergy Mobile Energy Holding Group Limited Major Business

Table 80. Hanergy Mobile Energy Holding Group Limited CIGS Solar Panels Product and Services

Table 81. Hanergy Mobile Energy Holding Group Limited CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Hanergy Mobile Energy Holding Group Limited Recent Developments/Updates

Table 83. Kaisheng Technology Group Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 84. Kaisheng Technology Group Co., Ltd. Major Business
Table 85. Kaisheng Technology Group Co., Ltd. CIGS Solar Panels Product and Services
Table 86. Kaisheng Technology Group Co., Ltd. CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 87. Kaisheng Technology Group Co., Ltd. Recent Developments/Updates
Table 88. Sun Harmonics Co., Ltd Basic Information, Manufacturing Base and Competitors
Table 89. Sun Harmonics Co., Ltd Major Business
Table 90. Sun Harmonics Co., Ltd CIGS Solar Panels Product and Services
Table 91. Sun Harmonics Co., Ltd CIGS Solar Panels Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 92. Sun Harmonics Co., Ltd Recent Developments/Updates
Table 93. Global CIGS Solar Panels Sales Quantity by Manufacturer (2020-2025) & (K Units)
Table 94. Global CIGS Solar Panels Revenue by Manufacturer (2020-2025) & (USD Million)
Table 95. Global CIGS Solar Panels Average Price by Manufacturer (2020-2025) & (US\$/Unit)
Table 96. Market Position of Manufacturers in CIGS Solar Panels, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024
Table 97. Head Office and CIGS Solar Panels Production Site of Key Manufacturer
Table 98. CIGS Solar Panels Market: Company Product Type Footprint
Table 99. CIGS Solar Panels Market: Company Product Application Footprint
Table 100. CIGS Solar Panels New Market Entrants and Barriers to Market Entry
Table 101. CIGS Solar Panels Mergers, Acquisition, Agreements, and Collaborations
Table 102. Global CIGS Solar Panels Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR
Table 103. Global CIGS Solar Panels Sales Quantity by Region (2020-2025) & (K Units)
Table 104. Global CIGS Solar Panels Sales Quantity by Region (2026-2031) & (K Units)
Table 105. Global CIGS Solar Panels Consumption Value by Region (2020-2025) & (USD Million)
Table 106. Global CIGS Solar Panels Consumption Value by Region (2026-2031) & (USD Million)
Table 107. Global CIGS Solar Panels Average Price by Region (2020-2025) & (US\$/Unit)
Table 108. Global CIGS Solar Panels Average Price by Region (2026-2031) & (US\$/Unit)

Table 109. Global CIGS Solar Panels Sales Quantity by Type (2020-2025) & (K Units)

Table 110. Global CIGS Solar Panels Sales Quantity by Type (2026-2031) & (K Units)

Table 111. Global CIGS Solar Panels Consumption Value by Type (2020-2025) & (USD Million)

Table 112. Global CIGS Solar Panels Consumption Value by Type (2026-2031) & (USD Million)

Table 113. Global CIGS Solar Panels Average Price by Type (2020-2025) & (US\$/Unit)

Table 114. Global CIGS Solar Panels Average Price by Type (2026-2031) & (US\$/Unit)

Table 115. Global CIGS Solar Panels Sales Quantity by Application (2020-2025) & (K Units)

Table 116. Global CIGS Solar Panels Sales Quantity by Application (2026-2031) & (K Units)

Table 117. Global CIGS Solar Panels Consumption Value by Application (2020-2025) & (USD Million)

Table 118. Global CIGS Solar Panels Consumption Value by Application (2026-2031) & (USD Million)

Table 119. Global CIGS Solar Panels Average Price by Application (2020-2025) & (US\$/Unit)

Table 120. Global CIGS Solar Panels Average Price by Application (2026-2031) & (US\$/Unit)

Table 121. North America CIGS Solar Panels Sales Quantity by Type (2020-2025) & (K Units)

Table 122. North America CIGS Solar Panels Sales Quantity by Type (2026-2031) & (K Units)

Table 123. North America CIGS Solar Panels Sales Quantity by Application (2020-2025) & (K Units)

Table 124. North America CIGS Solar Panels Sales Quantity by Application (2026-2031) & (K Units)

Table 125. North America CIGS Solar Panels Sales Quantity by Country (2020-2025) & (K Units)

Table 126. North America CIGS Solar Panels Sales Quantity by Country (2026-2031) & (K Units)

Table 127. North America CIGS Solar Panels Consumption Value by Country (2020-2025) & (USD Million)

Table 128. North America CIGS Solar Panels Consumption Value by Country (2026-2031) & (USD Million)

Table 129. Europe CIGS Solar Panels Sales Quantity by Type (2020-2025) & (K Units)

Table 130. Europe CIGS Solar Panels Sales Quantity by Type (2026-2031) & (K Units)

Table 131. Europe CIGS Solar Panels Sales Quantity by Application (2020-2025) & (K

Units)

Table 132. Europe CIGS Solar Panels Sales Quantity by Application (2026-2031) & (K Units)

Table 133. Europe CIGS Solar Panels Sales Quantity by Country (2020-2025) & (K Units)

Table 134. Europe CIGS Solar Panels Sales Quantity by Country (2026-2031) & (K Units)

Table 135. Europe CIGS Solar Panels Consumption Value by Country (2020-2025) & (USD Million)

Table 136. Europe CIGS Solar Panels Consumption Value by Country (2026-2031) & (USD Million)

Table 137. Asia-Pacific CIGS Solar Panels Sales Quantity by Type (2020-2025) & (K Units)

Table 138. Asia-Pacific CIGS Solar Panels Sales Quantity by Type (2026-2031) & (K Units)

Table 139. Asia-Pacific CIGS Solar Panels Sales Quantity by Application (2020-2025) & (K Units)

Table 140. Asia-Pacific CIGS Solar Panels Sales Quantity by Application (2026-2031) & (K Units)

Table 141. Asia-Pacific CIGS Solar Panels Sales Quantity by Region (2020-2025) & (K Units)

Table 142. Asia-Pacific CIGS Solar Panels Sales Quantity by Region (2026-2031) & (K Units)

Table 143. Asia-Pacific CIGS Solar Panels Consumption Value by Region (2020-2025) & (USD Million)

Table 144. Asia-Pacific CIGS Solar Panels Consumption Value by Region (2026-2031) & (USD Million)

Table 145. South America CIGS Solar Panels Sales Quantity by Type (2020-2025) & (K Units)

Table 146. South America CIGS Solar Panels Sales Quantity by Type (2026-2031) & (K Units)

Table 147. South America CIGS Solar Panels Sales Quantity by Application (2020-2025) & (K Units)

Table 148. South America CIGS Solar Panels Sales Quantity by Application (2026-2031) & (K Units)

Table 149. South America CIGS Solar Panels Sales Quantity by Country (2020-2025) & (K Units)

Table 150. South America CIGS Solar Panels Sales Quantity by Country (2026-2031) & (K Units)

Table 151. South America CIGS Solar Panels Consumption Value by Country (2020-2025) & (USD Million)

Table 152. South America CIGS Solar Panels Consumption Value by Country (2026-2031) & (USD Million)

Table 153. Middle East & Africa CIGS Solar Panels Sales Quantity by Type (2020-2025) & (K Units)

Table 154. Middle East & Africa CIGS Solar Panels Sales Quantity by Type (2026-2031) & (K Units)

Table 155. Middle East & Africa CIGS Solar Panels Sales Quantity by Application (2020-2025) & (K Units)

Table 156. Middle East & Africa CIGS Solar Panels Sales Quantity by Application (2026-2031) & (K Units)

Table 157. Middle East & Africa CIGS Solar Panels Sales Quantity by Country (2020-2025) & (K Units)

Table 158. Middle East & Africa CIGS Solar Panels Sales Quantity by Country (2026-2031) & (K Units)

Table 159. Middle East & Africa CIGS Solar Panels Consumption Value by Country (2020-2025) & (USD Million)

Table 160. Middle East & Africa CIGS Solar Panels Consumption Value by Country (2026-2031) & (USD Million)

Table 161. CIGS Solar Panels Raw Material

Table 162. Key Manufacturers of CIGS Solar Panels Raw Materials

Table 163. CIGS Solar Panels Typical Distributors

Table 164. CIGS Solar Panels Typical Customers

LIST OF FIGURES

Figure 1. CIGS Solar Panels Picture

Figure 2. Global CIGS Solar Panels Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global CIGS Solar Panels Revenue Market Share by Type in 2024

Figure 4. Reactive Sputtering Examples

Figure 5. Hybrid Sputtering Examples

Figure 6. Co-evaporation Examples

Figure 7. Sputter Selenization Examples

Figure 8. Full Sputtering Examples

Figure 9. Electrodeposition Examples

Figure 10. Screen Printing Examples

Figure 11. Global CIGS Solar Panels Consumption Value by Application, (USD Million),

2020 & 2024 & 2031

Figure 12. Global CIGS Solar Panels Revenue Market Share by Application in 2024

Figure 13. Offshore PV Examples

Figure 14. Building Glass Curtain Wall Examples

Figure 15. Substrate Glass Examples

Figure 16. Commercial Power Station Examples

Figure 17. Others Examples

Figure 18. Global CIGS Solar Panels Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 19. Global CIGS Solar Panels Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 20. Global CIGS Solar Panels Sales Quantity (2020-2031) & (K Units)

Figure 21. Global CIGS Solar Panels Price (2020-2031) & (US\$/Unit)

Figure 22. Global CIGS Solar Panels Sales Quantity Market Share by Manufacturer in 2024

Figure 23. Global CIGS Solar Panels Revenue Market Share by Manufacturer in 2024

Figure 24. Producer Shipments of CIGS Solar Panels by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 25. Top 3 CIGS Solar Panels Manufacturer (Revenue) Market Share in 2024

Figure 26. Top 6 CIGS Solar Panels Manufacturer (Revenue) Market Share in 2024

Figure 27. Global CIGS Solar Panels Sales Quantity Market Share by Region (2020-2031)

Figure 28. Global CIGS Solar Panels Consumption Value Market Share by Region (2020-2031)

Figure 29. North America CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 30. Europe CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 31. Asia-Pacific CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 32. South America CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 33. Middle East & Africa CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 34. Global CIGS Solar Panels Sales Quantity Market Share by Type (2020-2031)

Figure 35. Global CIGS Solar Panels Consumption Value Market Share by Type (2020-2031)

Figure 36. Global CIGS Solar Panels Average Price by Type (2020-2031) & (US\$/Unit)

Figure 37. Global CIGS Solar Panels Sales Quantity Market Share by Application (2020-2031)

Figure 38. Global CIGS Solar Panels Revenue Market Share by Application (2020-2031)

Figure 39. Global CIGS Solar Panels Average Price by Application (2020-2031) & (US\$/Unit)

Figure 40. North America CIGS Solar Panels Sales Quantity Market Share by Type (2020-2031)

Figure 41. North America CIGS Solar Panels Sales Quantity Market Share by Application (2020-2031)

Figure 42. North America CIGS Solar Panels Sales Quantity Market Share by Country (2020-2031)

Figure 43. North America CIGS Solar Panels Consumption Value Market Share by Country (2020-2031)

Figure 44. United States CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 45. Canada CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 46. Mexico CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 47. Europe CIGS Solar Panels Sales Quantity Market Share by Type (2020-2031)

Figure 48. Europe CIGS Solar Panels Sales Quantity Market Share by Application (2020-2031)

Figure 49. Europe CIGS Solar Panels Sales Quantity Market Share by Country (2020-2031)

Figure 50. Europe CIGS Solar Panels Consumption Value Market Share by Country (2020-2031)

Figure 51. Germany CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 52. France CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 53. United Kingdom CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 54. Russia CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 55. Italy CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 56. Asia-Pacific CIGS Solar Panels Sales Quantity Market Share by Type (2020-2031)

Figure 57. Asia-Pacific CIGS Solar Panels Sales Quantity Market Share by Application (2020-2031)

Figure 58. Asia-Pacific CIGS Solar Panels Sales Quantity Market Share by Region (2020-2031)

Figure 59. Asia-Pacific CIGS Solar Panels Consumption Value Market Share by Region (2020-2031)

Figure 60. China CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 61. Japan CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 62. South Korea CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 63. India CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 64. Southeast Asia CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 65. Australia CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 66. South America CIGS Solar Panels Sales Quantity Market Share by Type (2020-2031)

Figure 67. South America CIGS Solar Panels Sales Quantity Market Share by Application (2020-2031)

Figure 68. South America CIGS Solar Panels Sales Quantity Market Share by Country (2020-2031)

Figure 69. South America CIGS Solar Panels Consumption Value Market Share by Country (2020-2031)

Figure 70. Brazil CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 71. Argentina CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 72. Middle East & Africa CIGS Solar Panels Sales Quantity Market Share by Type (2020-2031)

Figure 73. Middle East & Africa CIGS Solar Panels Sales Quantity Market Share by Application (2020-2031)

Figure 74. Middle East & Africa CIGS Solar Panels Sales Quantity Market Share by Country (2020-2031)

Figure 75. Middle East & Africa CIGS Solar Panels Consumption Value Market Share by Country (2020-2031)

Figure 76. Turkey CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 77. Egypt CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 78. Saudi Arabia CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 79. South Africa CIGS Solar Panels Consumption Value (2020-2031) & (USD Million)

Figure 80. CIGS Solar Panels Market Drivers

Figure 81. CIGS Solar Panels Market Restraints

Figure 82. CIGS Solar Panels Market Trends

Figure 83. Porters Five Forces Analysis

Figure 84. Manufacturing Cost Structure Analysis of CIGS Solar Panels in 2024

Figure 85. Manufacturing Process Analysis of CIGS Solar Panels

Figure 86. CIGS Solar Panels Industrial Chain

Figure 87. Sales Channel: Direct to End-User vs Distributors

Figure 88. Direct Channel Pros & Cons

Figure 89. Indirect Channel Pros & Cons

Figure 90. Methodology

Figure 91. Research Process and Data Source

I would like to order

Product name: Global CIGS Solar Panels Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GF2A1B10C82FEN.html>

Price: US\$ 3,132.00 (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/GF2A1B10C82FEN.html>