

# CIGS Thin-Film Solar Panel Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/CE6BF5DA239BEN.html>

Date: August 2022

Pages: 74

Price: US\$ 3,250.00 (Single User License)

ID: CE6BF5DA239BEN

## Abstracts

This report contains market size and forecasts of CIGS Thin-Film Solar Panel in global, including the following market information:

Global CIGS Thin-Film Solar Panel Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global CIGS Thin-Film Solar Panel Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five CIGS Thin-Film Solar Panel companies in 2021 (%)

The global CIGS Thin-Film Solar Panel market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Electrospray Deposition Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of CIGS Thin-Film Solar Panel include NICE Solar Energy GmbH, Tata Power Solar Systems Limited, Suniva Inc, SolarWorld AG, Pionis Energy Technologies LLC, JinkoSolar Holding, Borg Inc, Alps Technology Inc and Itek Energy, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the CIGS Thin-Film Solar Panel manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global CIGS Thin-Film Solar Panel Market, by Deposition Technique, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global CIGS Thin-Film Solar Panel Market Segment Percentages, by Deposition Technique, 2021 (%)

Electrospray Deposition

Chemical Vapour Deposition

Others

Global CIGS Thin-Film Solar Panel Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global CIGS Thin-Film Solar Panel Market Segment Percentages, by Application, 2021 (%)

Automotive

Electronics

Others

Global CIGS Thin-Film Solar Panel Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global CIGS Thin-Film Solar Panel Market Segment Percentages, By Region and Country, 2021 (%)

## North America

US

Canada

Mexico

## Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies CIGS Thin-Film Solar Panel revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies CIGS Thin-Film Solar Panel revenues share in global market, 2021 (%)

Key companies CIGS Thin-Film Solar Panel sales in global market, 2017-2022 (Estimated), (K Units)

Key companies CIGS Thin-Film Solar Panel sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

NICE Solar Energy GmbH

Tata Power Solar Systems Limited

Suniva Inc

SolarWorld AG

Pionis Energy Technologies LLC

JinkoSolar Holding

Borg Inc

Alps Technology Inc

Itek Energy

Trina Solar

Shenzhen Desun

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 CIGS Thin-Film Solar Panel Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Deposition Technique
  - 1.2.2 Market by Application
- 1.3 Global CIGS Thin-Film Solar Panel Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL CIGS THIN-FILM SOLAR PANEL OVERALL MARKET SIZE**

- 2.1 Global CIGS Thin-Film Solar Panel Market Size: 2021 VS 2028
- 2.2 Global CIGS Thin-Film Solar Panel Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global CIGS Thin-Film Solar Panel Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top CIGS Thin-Film Solar Panel Players in Global Market
- 3.2 Top Global CIGS Thin-Film Solar Panel Companies Ranked by Revenue
- 3.3 Global CIGS Thin-Film Solar Panel Revenue by Companies
- 3.4 Global CIGS Thin-Film Solar Panel Sales by Companies
- 3.5 Global CIGS Thin-Film Solar Panel Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 CIGS Thin-Film Solar Panel Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers CIGS Thin-Film Solar Panel Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 CIGS Thin-Film Solar Panel Players in Global Market
  - 3.8.1 List of Global Tier 1 CIGS Thin-Film Solar Panel Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 CIGS Thin-Film Solar Panel Companies

### **4 SIGHTS BY PRODUCT**

- 4.1 Overview

4.1.1 By Deposition Technique - Global CIGS Thin-Film Solar Panel Market Size Markets, 2021 & 2028

4.1.2 Electropray Deposition

4.1.3 Chemical Vapour Deposition

4.1.4 Others

4.2 By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue & Forecasts

4.2.1 By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue, 2017-2022

4.2.2 By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue, 2023-2028

4.2.3 By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028

4.3 By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales & Forecasts

4.3.1 By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales, 2017-2022

4.3.2 By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales, 2023-2028

4.3.3 By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028

4.4 By Deposition Technique - Global CIGS Thin-Film Solar Panel Price (Manufacturers Selling Prices), 2017-2028

## **5 SIGHTS BY APPLICATION**

5.1 Overview

5.1.1 By Application - Global CIGS Thin-Film Solar Panel Market Size, 2021 & 2028

5.1.2 Automotive

5.1.3 Electronics

5.1.4 Others

5.2 By Application - Global CIGS Thin-Film Solar Panel Revenue & Forecasts

5.2.1 By Application - Global CIGS Thin-Film Solar Panel Revenue, 2017-2022

5.2.2 By Application - Global CIGS Thin-Film Solar Panel Revenue, 2023-2028

5.2.3 By Application - Global CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028

5.3 By Application - Global CIGS Thin-Film Solar Panel Sales & Forecasts

5.3.1 By Application - Global CIGS Thin-Film Solar Panel Sales, 2017-2022

5.3.2 By Application - Global CIGS Thin-Film Solar Panel Sales, 2023-2028

5.3.3 By Application - Global CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028

5.4 By Application - Global CIGS Thin-Film Solar Panel Price (Manufacturers Selling

Prices), 2017-2028

## **6 SIGHTS BY REGION**

6.1 By Region - Global CIGS Thin-Film Solar Panel Market Size, 2021 & 2028

6.2 By Region - Global CIGS Thin-Film Solar Panel Revenue & Forecasts

6.2.1 By Region - Global CIGS Thin-Film Solar Panel Revenue, 2017-2022

6.2.2 By Region - Global CIGS Thin-Film Solar Panel Revenue, 2023-2028

6.2.3 By Region - Global CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028

6.3 By Region - Global CIGS Thin-Film Solar Panel Sales & Forecasts

6.3.1 By Region - Global CIGS Thin-Film Solar Panel Sales, 2017-2022

6.3.2 By Region - Global CIGS Thin-Film Solar Panel Sales, 2023-2028

6.3.3 By Region - Global CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America CIGS Thin-Film Solar Panel Revenue, 2017-2028

6.4.2 By Country - North America CIGS Thin-Film Solar Panel Sales, 2017-2028

6.4.3 US CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.4.4 Canada CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.4.5 Mexico CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe CIGS Thin-Film Solar Panel Revenue, 2017-2028

6.5.2 By Country - Europe CIGS Thin-Film Solar Panel Sales, 2017-2028

6.5.3 Germany CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5.4 France CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5.5 U.K. CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5.6 Italy CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5.7 Russia CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5.8 Nordic Countries CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.5.9 Benelux CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia CIGS Thin-Film Solar Panel Revenue, 2017-2028

6.6.2 By Region - Asia CIGS Thin-Film Solar Panel Sales, 2017-2028

6.6.3 China CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.6.4 Japan CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.6.5 South Korea CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.6.6 Southeast Asia CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.6.7 India CIGS Thin-Film Solar Panel Market Size, 2017-2028

6.7 South America



- 6.7.1 By Country - South America CIGS Thin-Film Solar Panel Revenue, 2017-2028
- 6.7.2 By Country - South America CIGS Thin-Film Solar Panel Sales, 2017-2028
- 6.7.3 Brazil CIGS Thin-Film Solar Panel Market Size, 2017-2028
- 6.7.4 Argentina CIGS Thin-Film Solar Panel Market Size, 2017-2028
- 6.8 Middle East & Africa
  - 6.8.1 By Country - Middle East & Africa CIGS Thin-Film Solar Panel Revenue, 2017-2028
  - 6.8.2 By Country - Middle East & Africa CIGS Thin-Film Solar Panel Sales, 2017-2028
  - 6.8.3 Turkey CIGS Thin-Film Solar Panel Market Size, 2017-2028
  - 6.8.4 Israel CIGS Thin-Film Solar Panel Market Size, 2017-2028
  - 6.8.5 Saudi Arabia CIGS Thin-Film Solar Panel Market Size, 2017-2028
  - 6.8.6 UAE CIGS Thin-Film Solar Panel Market Size, 2017-2028

## **7 MANUFACTURERS & BRANDS PROFILES**

- 7.1 NICE Solar Energy GmbH
  - 7.1.1 NICE Solar Energy GmbH Corporate Summary
  - 7.1.2 NICE Solar Energy GmbH Business Overview
  - 7.1.3 NICE Solar Energy GmbH CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.1.4 NICE Solar Energy GmbH CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.1.5 NICE Solar Energy GmbH Key News
- 7.2 Tata Power Solar Systems Limited
  - 7.2.1 Tata Power Solar Systems Limited Corporate Summary
  - 7.2.2 Tata Power Solar Systems Limited Business Overview
  - 7.2.3 Tata Power Solar Systems Limited CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.2.4 Tata Power Solar Systems Limited CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.2.5 Tata Power Solar Systems Limited Key News
- 7.3 Suniva Inc
  - 7.3.1 Suniva Inc Corporate Summary
  - 7.3.2 Suniva Inc Business Overview
  - 7.3.3 Suniva Inc CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.3.4 Suniva Inc CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.3.5 Suniva Inc Key News
- 7.4 SolarWorld AG
  - 7.4.1 SolarWorld AG Corporate Summary

- 7.4.2 SolarWorld AG Business Overview
- 7.4.3 SolarWorld AG CIGS Thin-Film Solar Panel Major Product Offerings
- 7.4.4 SolarWorld AG CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
- 7.4.5 SolarWorld AG Key News
- 7.5 Pionis Energy Technologies LLC
  - 7.5.1 Pionis Energy Technologies LLC Corporate Summary
  - 7.5.2 Pionis Energy Technologies LLC Business Overview
  - 7.5.3 Pionis Energy Technologies LLC CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.5.4 Pionis Energy Technologies LLC CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.5.5 Pionis Energy Technologies LLC Key News
- 7.6 JinkoSolar Holding
  - 7.6.1 JinkoSolar Holding Corporate Summary
  - 7.6.2 JinkoSolar Holding Business Overview
  - 7.6.3 JinkoSolar Holding CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.6.4 JinkoSolar Holding CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.6.5 JinkoSolar Holding Key News
- 7.7 Borg Inc
  - 7.7.1 Borg Inc Corporate Summary
  - 7.7.2 Borg Inc Business Overview
  - 7.7.3 Borg Inc CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.7.4 Borg Inc CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.7.5 Borg Inc Key News
- 7.8 Alps Technology Inc
  - 7.8.1 Alps Technology Inc Corporate Summary
  - 7.8.2 Alps Technology Inc Business Overview
  - 7.8.3 Alps Technology Inc CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.8.4 Alps Technology Inc CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)
  - 7.8.5 Alps Technology Inc Key News
- 7.9 Itek Energy
  - 7.9.1 Itek Energy Corporate Summary
  - 7.9.2 Itek Energy Business Overview
  - 7.9.3 Itek Energy CIGS Thin-Film Solar Panel Major Product Offerings
  - 7.9.4 Itek Energy CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)

#### 7.9.5 Itek Energy Key News

#### 7.10 Trina Solar

##### 7.10.1 Trina Solar Corporate Summary

##### 7.10.2 Trina Solar Business Overview

##### 7.10.3 Trina Solar CIGS Thin-Film Solar Panel Major Product Offerings

##### 7.10.4 Trina Solar CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)

##### 7.10.5 Trina Solar Key News

#### 7.11 Shenzhen Desun

##### 7.11.1 Shenzhen Desun Corporate Summary

##### 7.11.2 Shenzhen Desun CIGS Thin-Film Solar Panel Business Overview

##### 7.11.3 Shenzhen Desun CIGS Thin-Film Solar Panel Major Product Offerings

##### 7.11.4 Shenzhen Desun CIGS Thin-Film Solar Panel Sales and Revenue in Global (2017-2022)

##### 7.11.5 Shenzhen Desun Key News

## **8 GLOBAL CIGS THIN-FILM SOLAR PANEL PRODUCTION CAPACITY, ANALYSIS**

#### 8.1 Global CIGS Thin-Film Solar Panel Production Capacity, 2017-2028

#### 8.2 CIGS Thin-Film Solar Panel Production Capacity of Key Manufacturers in Global Market

#### 8.3 Global CIGS Thin-Film Solar Panel Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

#### 9.1 Market Opportunities & Trends

#### 9.2 Market Drivers

#### 9.3 Market Restraints

## **10 CIGS THIN-FILM SOLAR PANEL SUPPLY CHAIN ANALYSIS**

#### 10.1 CIGS Thin-Film Solar Panel Industry Value Chain

#### 10.2 CIGS Thin-Film Solar Panel Upstream Market

#### 10.3 CIGS Thin-Film Solar Panel Downstream and Clients

#### 10.4 Marketing Channels Analysis

##### 10.4.1 Marketing Channels

##### 10.4.2 CIGS Thin-Film Solar Panel Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Key Players of CIGS Thin-Film Solar Panel in Global Market

Table 2. Top CIGS Thin-Film Solar Panel Players in Global Market, Ranking by Revenue (2021)

Table 3. Global CIGS Thin-Film Solar Panel Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global CIGS Thin-Film Solar Panel Revenue Share by Companies, 2017-2022

Table 5. Global CIGS Thin-Film Solar Panel Sales by Companies, (K Units), 2017-2022

Table 6. Global CIGS Thin-Film Solar Panel Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers CIGS Thin-Film Solar Panel Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers CIGS Thin-Film Solar Panel Product Type

Table 9. List of Global Tier 1 CIGS Thin-Film Solar Panel Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 CIGS Thin-Film Solar Panel Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Deposition Technique – Global CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue (US\$, Mn), 2017-2022

Table 13. By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue (US\$, Mn), 2023-2028

Table 14. By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales (K Units), 2017-2022

Table 15. By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales (K Units), 2023-2028

Table 16. By Application – Global CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global CIGS Thin-Film Solar Panel Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global CIGS Thin-Film Solar Panel Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global CIGS Thin-Film Solar Panel Sales (K Units), 2017-2022

Table 20. By Application - Global CIGS Thin-Film Solar Panel Sales (K Units), 2023-2028

Table 21. By Region – Global CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global CIGS Thin-Film Solar Panel Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global CIGS Thin-Film Solar Panel Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global CIGS Thin-Film Solar Panel Sales (K Units), 2017-2022

Table 25. By Region - Global CIGS Thin-Film Solar Panel Sales (K Units), 2023-2028

Table 26. By Country - North America CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America CIGS Thin-Film Solar Panel Sales, (K Units), 2017-2022

Table 29. By Country - North America CIGS Thin-Film Solar Panel Sales, (K Units), 2023-2028

Table 30. By Country - Europe CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe CIGS Thin-Film Solar Panel Sales, (K Units), 2017-2022

Table 33. By Country - Europe CIGS Thin-Film Solar Panel Sales, (K Units), 2023-2028

Table 34. By Region - Asia CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia CIGS Thin-Film Solar Panel Sales, (K Units), 2017-2022

Table 37. By Region - Asia CIGS Thin-Film Solar Panel Sales, (K Units), 2023-2028

Table 38. By Country - South America CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America CIGS Thin-Film Solar Panel Sales, (K Units), 2017-2022

Table 41. By Country - South America CIGS Thin-Film Solar Panel Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa CIGS Thin-Film Solar Panel Revenue,

(US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa CIGS Thin-Film Solar Panel Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa CIGS Thin-Film Solar Panel Sales, (K Units), 2023-2028

Table 46. NICE Solar Energy GmbH Corporate Summary

Table 47. NICE Solar Energy GmbH CIGS Thin-Film Solar Panel Product Offerings

Table 48. NICE Solar Energy GmbH CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. Tata Power Solar Systems Limited Corporate Summary

Table 50. Tata Power Solar Systems Limited CIGS Thin-Film Solar Panel Product Offerings

Table 51. Tata Power Solar Systems Limited CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Suniva Inc Corporate Summary

Table 53. Suniva Inc CIGS Thin-Film Solar Panel Product Offerings

Table 54. Suniva Inc CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. SolarWorld AG Corporate Summary

Table 56. SolarWorld AG CIGS Thin-Film Solar Panel Product Offerings

Table 57. SolarWorld AG CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Pionis Energy Technologies LLC Corporate Summary

Table 59. Pionis Energy Technologies LLC CIGS Thin-Film Solar Panel Product Offerings

Table 60. Pionis Energy Technologies LLC CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. JinkoSolar Holding Corporate Summary

Table 62. JinkoSolar Holding CIGS Thin-Film Solar Panel Product Offerings

Table 63. JinkoSolar Holding CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Borg Inc Corporate Summary

Table 65. Borg Inc CIGS Thin-Film Solar Panel Product Offerings

Table 66. Borg Inc CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. Alps Technology Inc Corporate Summary

Table 68. Alps Technology Inc CIGS Thin-Film Solar Panel Product Offerings

Table 69. Alps Technology Inc CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)



- Table 70. Itek Energy Corporate Summary
- Table 71. Itek Energy CIGS Thin-Film Solar Panel Product Offerings
- Table 72. Itek Energy CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 73. Trina Solar Corporate Summary
- Table 74. Trina Solar CIGS Thin-Film Solar Panel Product Offerings
- Table 75. Trina Solar CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 76. Shenzhen Desun Corporate Summary
- Table 77. Shenzhen Desun CIGS Thin-Film Solar Panel Product Offerings
- Table 78. Shenzhen Desun CIGS Thin-Film Solar Panel Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)
- Table 79. CIGS Thin-Film Solar Panel Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)
- Table 80. Global CIGS Thin-Film Solar Panel Capacity Market Share of Key Manufacturers, 2020-2022
- Table 81. Global CIGS Thin-Film Solar Panel Production by Region, 2017-2022 (K Units)
- Table 82. Global CIGS Thin-Film Solar Panel Production by Region, 2023-2028 (K Units)
- Table 83. CIGS Thin-Film Solar Panel Market Opportunities & Trends in Global Market
- Table 84. CIGS Thin-Film Solar Panel Market Drivers in Global Market
- Table 85. CIGS Thin-Film Solar Panel Market Restraints in Global Market
- Table 86. CIGS Thin-Film Solar Panel Raw Materials
- Table 87. CIGS Thin-Film Solar Panel Raw Materials Suppliers in Global Market
- Table 88. Typical CIGS Thin-Film Solar Panel Downstream
- Table 89. CIGS Thin-Film Solar Panel Downstream Clients in Global Market
- Table 90. CIGS Thin-Film Solar Panel Distributors and Sales Agents in Global Market



## List Of Figures

### LIST OF FIGURES

- Figure 1. CIGS Thin-Film Solar Panel Segment by Deposition Technique
- Figure 2. CIGS Thin-Film Solar Panel Segment by Application
- Figure 3. Global CIGS Thin-Film Solar Panel Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global CIGS Thin-Film Solar Panel Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global CIGS Thin-Film Solar Panel Revenue, 2017-2028 (US\$, Mn)
- Figure 7. CIGS Thin-Film Solar Panel Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by CIGS Thin-Film Solar Panel Revenue in 2021
- Figure 9. By Deposition Technique - Global CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028
- Figure 10. By Deposition Technique - Global CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028
- Figure 11. By Deposition Technique - Global CIGS Thin-Film Solar Panel Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028
- Figure 13. By Application - Global CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028
- Figure 14. By Application - Global CIGS Thin-Film Solar Panel Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028
- Figure 16. By Region - Global CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028
- Figure 17. By Country - North America CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028
- Figure 18. By Country - North America CIGS Thin-Film Solar Panel Sales Market Share, 2017-2028
- Figure 19. US CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe CIGS Thin-Film Solar Panel Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe CIGS Thin-Film Solar Panel Sales Market Share,

2017-2028

Figure 24. Germany CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 25. France CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries CIGS Thin-Film Solar Panel Revenue, (US\$, Mn),  
2017-2028

Figure 30. Benelux CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia CIGS Thin-Film Solar Panel Revenue Market Share,  
2017-2028

Figure 32. By Region - Asia CIGS Thin-Film Solar Panel Sales Market Share,  
2017-2028

Figure 33. China CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 37. India CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America CIGS Thin-Film Solar Panel Revenue Market  
Share, 2017-2028

Figure 39. By Country - South America CIGS Thin-Film Solar Panel Sales Market  
Share, 2017-2028

Figure 40. Brazil CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa CIGS Thin-Film Solar Panel Revenue  
Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa CIGS Thin-Film Solar Panel Sales Market  
Share, 2017-2028

Figure 44. Turkey CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE CIGS Thin-Film Solar Panel Revenue, (US\$, Mn), 2017-2028

Figure 48. Global CIGS Thin-Film Solar Panel Production Capacity (K Units),  
2017-2028

Figure 49. The Percentage of Production CIGS Thin-Film Solar Panel by Region, 2021  
VS 2028

Figure 50. CIGS Thin-Film Solar Panel Industry Value Chain

Figure 51. Marketing Channels

## I would like to order

Product name: CIGS Thin-Film Solar Panel Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/CE6BF5DA239BEN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CE6BF5DA239BEN.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