

# Global CIGS Thin-Film Solar Cells Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/G76FA1D0BBDGEN.html>

Date: August 2018

Pages: 122

Price: US\$ 3,480.00 (Single User License)

ID: G76FA1D0BBDGEN

## Abstracts

CIGS stands for copper indium gallium selenide, it is a thin film solar cell that is used to convert sun rays into electrical energy. CIGS thin film solar cells are manufactured by the process of depositing a thin layer of indium, copper, selenide and gallium on plastic backing or glass, having electrodes on the back and front to collect current. CIGS has a high absorption coefficient and absorbs sunlight strongly, so a thin film of this material is required to obtain the same electric energy as that of semiconductor materials. The thin-film photovoltaic technologies consists of three mainstreams namely amorphous silicon, cadmium telluride and CIGS. Like other materials in the thin-film photovoltaic technologies, CIGS is also flexible, that allows them to get deposited on the flexible substrates. Also the best performance of the solar cells comes from the glass deposited cells, as all the technologies use high temperature depositions. The performance of polysilicon-based panels are higher than these glass based technologies of solar cells, though advances in CIGS low temperature deposition is trying to erase these performance difference up to a great extent. CIGS Thin-film solar cells market is expected to expand at a healthy CAGR in the forecast period.

## SCOPE OF THE REPORT:

This report focuses on the CIGS Thin-Film Solar Cells in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. The increasing market of solar panels and cost efficiency of electricity generated by solar panels as compared to other sources of energy is driving the CIGS thin-film solar cells market. Also the increased efficiency of CIGS thin film solar cells and the reduced time required to produce the electricity as compared to its counterpart's technologies is

further contributing in the growing CIGS thin-film solar cells market. Moreover, the rising concerns amongst people for environmental safety is bolstering the CIGS thin-film solar cells market.

The worldwide market for CIGS Thin-Film Solar Cells is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Trina Solar

Tata Power Solar Systems

Suniva

SolarWorld

Pionis Energy Technologies

JinkoSolar Holding

Borg

Alps Technology

Itek Energy

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

1-2 Micro Meters

2-3 Micro Meters

3-4 Micro Meters

Market Segment by Applications, can be divided into

Automobiles

Electronics And Electrical

Energy And Power

Others

There are 15 Chapters to deeply display the global CIGS Thin-Film Solar Cells market.

Chapter 1, to describe CIGS Thin-Film Solar Cells Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of CIGS Thin-Film Solar Cells, with sales, revenue, and price of CIGS Thin-Film Solar Cells, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of CIGS Thin-Film Solar Cells, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these

regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, CIGS Thin-Film Solar Cells market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe CIGS Thin-Film Solar Cells sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

## Contents

### 1 MARKET OVERVIEW

- 1.1 CIGS Thin-Film Solar Cells Introduction
- 1.2 Market Analysis by Type
  - 1.2.1 1-2 Micro Meters
  - 1.2.2 2-3 Micro Meters
  - 1.2.3 3-4 Micro Meters
- 1.3 Market Analysis by Applications
  - 1.3.1 Automobiles
  - 1.3.2 Electronics And Electrical
  - 1.3.3 Energy And Power
  - 1.3.4 Others
- 1.4 Market Analysis by Regions
  - 1.4.1 North America (United States, Canada and Mexico)
    - 1.4.1.1 United States Market States and Outlook (2013-2023)
    - 1.4.1.2 Canada Market States and Outlook (2013-2023)
    - 1.4.1.3 Mexico Market States and Outlook (2013-2023)
  - 1.4.2 Europe (Germany, France, UK, Russia and Italy)
    - 1.4.2.1 Germany Market States and Outlook (2013-2023)
    - 1.4.2.2 France Market States and Outlook (2013-2023)
    - 1.4.2.3 UK Market States and Outlook (2013-2023)
    - 1.4.2.4 Russia Market States and Outlook (2013-2023)
    - 1.4.2.5 Italy Market States and Outlook (2013-2023)
  - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
    - 1.4.3.1 China Market States and Outlook (2013-2023)
    - 1.4.3.2 Japan Market States and Outlook (2013-2023)
    - 1.4.3.3 Korea Market States and Outlook (2013-2023)
    - 1.4.3.4 India Market States and Outlook (2013-2023)
    - 1.4.3.5 Southeast Asia Market States and Outlook (2013-2023)
  - 1.4.4 South America, Middle East and Africa
    - 1.4.4.1 Brazil Market States and Outlook (2013-2023)
    - 1.4.4.2 Egypt Market States and Outlook (2013-2023)
    - 1.4.4.3 Saudi Arabia Market States and Outlook (2013-2023)
    - 1.4.4.4 South Africa Market States and Outlook (2013-2023)
    - 1.4.4.5 Nigeria Market States and Outlook (2013-2023)
- 1.5 Market Dynamics
  - 1.5.1 Market Opportunities

1.5.2 Market Risk

1.5.3 Market Driving Force

## **2 MANUFACTURERS PROFILES**

### 2.1 Trina Solar

2.1.1 Business Overview

2.1.2 CIGS Thin-Film Solar Cells Type and Applications

2.1.2.1 Product A

2.1.2.2 Product B

2.1.3 Trina Solar CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.2 Tata Power Solar Systems

2.2.1 Business Overview

2.2.2 CIGS Thin-Film Solar Cells Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

2.2.3 Tata Power Solar Systems CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.3 Suniva

2.3.1 Business Overview

2.3.2 CIGS Thin-Film Solar Cells Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 Suniva CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.4 SolarWorld

2.4.1 Business Overview

2.4.2 CIGS Thin-Film Solar Cells Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 SolarWorld CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.5 Pionis Energy Technologies

2.5.1 Business Overview

2.5.2 CIGS Thin-Film Solar Cells Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Pionis Energy Technologies CIGS Thin-Film Solar Cells Sales, Price, Revenue,

## Gross Margin and Market Share (2016-2017)

### 2.6 JinkoSolar Holding

#### 2.6.1 Business Overview

#### 2.6.2 CIGS Thin-Film Solar Cells Type and Applications

##### 2.6.2.1 Product A

##### 2.6.2.2 Product B

#### 2.6.3 JinkoSolar Holding CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.7 Borg

#### 2.7.1 Business Overview

#### 2.7.2 CIGS Thin-Film Solar Cells Type and Applications

##### 2.7.2.1 Product A

##### 2.7.2.2 Product B

#### 2.7.3 Borg CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.8 Alps Technology

#### 2.8.1 Business Overview

#### 2.8.2 CIGS Thin-Film Solar Cells Type and Applications

##### 2.8.2.1 Product A

##### 2.8.2.2 Product B

#### 2.8.3 Alps Technology CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

### 2.9 Itek Energy

#### 2.9.1 Business Overview

#### 2.9.2 CIGS Thin-Film Solar Cells Type and Applications

##### 2.9.2.1 Product A

##### 2.9.2.2 Product B

#### 2.9.3 Itek Energy CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

## **3 GLOBAL CIGS THIN-FILM SOLAR CELLS SALES, REVENUE, MARKET SHARE AND COMPETITION BY MANUFACTURER (2016-2017)**

### 3.1 Global CIGS Thin-Film Solar Cells Sales and Market Share by Manufacturer (2016-2017)

### 3.2 Global CIGS Thin-Film Solar Cells Revenue and Market Share by Manufacturer (2016-2017)

### 3.3 Market Concentration Rate

#### 3.3.1 Top 3 CIGS Thin-Film Solar Cells Manufacturer Market Share in 2017

- 3.3.2 Top 6 CIGS Thin-Film Solar Cells Manufacturer Market Share in 2017
- 3.4 Market Competition Trend

## **4 GLOBAL CIGS THIN-FILM SOLAR CELLS MARKET ANALYSIS BY REGIONS**

- 4.1 Global CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Regions
  - 4.1.1 Global CIGS Thin-Film Solar Cells Sales and Market Share by Regions (2013-2018)
  - 4.1.2 Global CIGS Thin-Film Solar Cells Revenue and Market Share by Regions (2013-2018)
- 4.2 North America CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 4.3 Europe CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 4.4 Asia-Pacific CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 4.5 South America CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 4.6 Middle East and Africa CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

## **5 NORTH AMERICA CIGS THIN-FILM SOLAR CELLS BY COUNTRIES**

- 5.1 North America CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Countries
  - 5.1.1 North America CIGS Thin-Film Solar Cells Sales and Market Share by Countries (2013-2018)
  - 5.1.2 North America CIGS Thin-Film Solar Cells Revenue and Market Share by Countries (2013-2018)
- 5.2 United States CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 5.3 Canada CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 5.4 Mexico CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

## **6 EUROPE CIGS THIN-FILM SOLAR CELLS BY COUNTRIES**

- 6.1 Europe CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Countries
  - 6.1.1 Europe CIGS Thin-Film Solar Cells Sales and Market Share by Countries (2013-2018)
  - 6.1.2 Europe CIGS Thin-Film Solar Cells Revenue and Market Share by Countries (2013-2018)
- 6.2 Germany CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 6.3 UK CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 6.4 France CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)



6.5 Russia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

6.6 Italy CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

## **7 ASIA-PACIFIC CIGS THIN-FILM SOLAR CELLS BY COUNTRIES**

7.1 Asia-Pacific CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific CIGS Thin-Film Solar Cells Sales and Market Share by Countries (2013-2018)

7.1.2 Asia-Pacific CIGS Thin-Film Solar Cells Revenue and Market Share by Countries (2013-2018)

7.2 China CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

7.3 Japan CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

7.4 Korea CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

7.5 India CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

7.6 Southeast Asia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

## **8 SOUTH AMERICA CIGS THIN-FILM SOLAR CELLS BY COUNTRIES**

8.1 South America CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Countries

8.1.1 South America CIGS Thin-Film Solar Cells Sales and Market Share by Countries (2013-2018)

8.1.2 South America CIGS Thin-Film Solar Cells Revenue and Market Share by Countries (2013-2018)

8.2 Brazil CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

8.3 Argentina CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

8.4 Colombia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

## **9 MIDDLE EAST AND AFRICA CIGS THIN-FILM SOLAR CELLS BY COUNTRIES**

9.1 Middle East and Africa CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Countries

9.1.1 Middle East and Africa CIGS Thin-Film Solar Cells Sales and Market Share by Countries (2013-2018)

9.1.2 Middle East and Africa CIGS Thin-Film Solar Cells Revenue and Market Share by Countries (2013-2018)

9.2 Saudi Arabia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

9.3 UAE CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

- 9.4 Egypt CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 9.5 Nigeria CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)
- 9.6 South Africa CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

## **10 GLOBAL CIGS THIN-FILM SOLAR CELLS MARKET SEGMENT BY TYPE**

- 10.1 Global CIGS Thin-Film Solar Cells Sales, Revenue and Market Share by Type (2013-2018)
  - 10.1.1 Global CIGS Thin-Film Solar Cells Sales and Market Share by Type (2013-2018)
  - 10.1.2 Global CIGS Thin-Film Solar Cells Revenue and Market Share by Type (2013-2018)
- 10.2 1-2 Micro Meters Sales Growth and Price
  - 10.2.1 Global 1-2 Micro Meters Sales Growth (2013-2018)
  - 10.2.2 Global 1-2 Micro Meters Price (2013-2018)
- 10.3 2-3 Micro Meters Sales Growth and Price
  - 10.3.1 Global 2-3 Micro Meters Sales Growth (2013-2018)
  - 10.3.2 Global 2-3 Micro Meters Price (2013-2018)
- 10.4 3-4 Micro Meters Sales Growth and Price
  - 10.4.1 Global 3-4 Micro Meters Sales Growth (2013-2018)
  - 10.4.2 Global 3-4 Micro Meters Price (2013-2018)

## **11 GLOBAL CIGS THIN-FILM SOLAR CELLS MARKET SEGMENT BY APPLICATION**

- 11.1 Global CIGS Thin-Film Solar Cells Sales Market Share by Application (2013-2018)
- 11.2 Automobiles Sales Growth (2013-2018)
- 11.3 Electronics And Electrical Sales Growth (2013-2018)
- 11.4 Energy And Power Sales Growth (2013-2018)
- 11.5 Others Sales Growth (2013-2018)

## **12 CIGS THIN-FILM SOLAR CELLS MARKET FORECAST (2018-2023)**

- 12.1 Global CIGS Thin-Film Solar Cells Sales, Revenue and Growth Rate (2018-2023)
- 12.2 CIGS Thin-Film Solar Cells Market Forecast by Regions (2018-2023)
  - 12.2.1 North America CIGS Thin-Film Solar Cells Market Forecast (2018-2023)
  - 12.2.2 Europe CIGS Thin-Film Solar Cells Market Forecast (2018-2023)
  - 12.2.3 Asia-Pacific CIGS Thin-Film Solar Cells Market Forecast (2018-2023)
  - 12.2.4 South America CIGS Thin-Film Solar Cells Market Forecast (2018-2023)

- 12.2.5 Middle East and Africa CIGS Thin-Film Solar Cells Market Forecast (2018-2023)
- 12.3 CIGS Thin-Film Solar Cells Market Forecast by Type (2018-2023)
  - 12.3.1 Global CIGS Thin-Film Solar Cells Sales Forecast by Type (2018-2023)
  - 12.3.2 Global CIGS Thin-Film Solar Cells Market Share Forecast by Type (2018-2023)
- 12.4 CIGS Thin-Film Solar Cells Market Forecast by Application (2018-2023)
  - 12.4.1 Global CIGS Thin-Film Solar Cells Sales Forecast by Application (2018-2023)
  - 12.4.2 Global CIGS Thin-Film Solar Cells Market Share Forecast by Application (2018-2023)

## **13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS**

- 13.1 Sales Channel
  - 13.1.1 Direct Marketing
  - 13.1.2 Indirect Marketing
  - 13.1.3 Marketing Channel Future Trend
- 13.2 Distributors, Traders and Dealers

## **14 RESEARCH FINDINGS AND CONCLUSION**

## **15 APPENDIX**

- 15.1 Methodology
- 15.2 Data Source

## List Of Tables

### LIST OF TABLES AND FIGURES

- Figure CIGS Thin-Film Solar Cells Picture
- Table Product Specifications of CIGS Thin-Film Solar Cells
- Figure Global Sales Market Share of CIGS Thin-Film Solar Cells by Types in 2017
- Table CIGS Thin-Film Solar Cells Types for Major Manufacturers
- Figure 1-2 Micro Meters Picture
- Figure 2-3 Micro Meters Picture
- Figure 3-4 Micro Meters Picture
- Figure CIGS Thin-Film Solar Cells Sales Market Share by Applications in 2017
- Figure Automobiles Picture
- Figure Electronics And Electrical Picture
- Figure Energy And Power Picture
- Figure Others Picture
- Figure United States CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Canada CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Mexico CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Germany CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure France CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure UK CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Russia CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Italy CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure China CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Japan CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Korea CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure India CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)
- Figure Southeast Asia CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria CIGS Thin-Film Solar Cells Revenue (Value) and Growth Rate (2013-2023)

Table Trina Solar Basic Information, Manufacturing Base and Competitors

Table Trina Solar CIGS Thin-Film Solar Cells Type and Applications

Table Trina Solar CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Tata Power Solar Systems Basic Information, Manufacturing Base and Competitors

Table Tata Power Solar Systems CIGS Thin-Film Solar Cells Type and Applications

Table Tata Power Solar Systems CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Suniva Basic Information, Manufacturing Base and Competitors

Table Suniva CIGS Thin-Film Solar Cells Type and Applications

Table Suniva CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table SolarWorld Basic Information, Manufacturing Base and Competitors

Table SolarWorld CIGS Thin-Film Solar Cells Type and Applications

Table SolarWorld CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Pionis Energy Technologies Basic Information, Manufacturing Base and Competitors

Table Pionis Energy Technologies CIGS Thin-Film Solar Cells Type and Applications

Table Pionis Energy Technologies CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table JinkoSolar Holding Basic Information, Manufacturing Base and Competitors

Table JinkoSolar Holding CIGS Thin-Film Solar Cells Type and Applications

Table JinkoSolar Holding CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Borg Basic Information, Manufacturing Base and Competitors

Table Borg CIGS Thin-Film Solar Cells Type and Applications

Table Borg CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and

## Market Share (2016-2017)

Table Alps Technology Basic Information, Manufacturing Base and Competitors

Table Alps Technology CIGS Thin-Film Solar Cells Type and Applications

Table Alps Technology CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Itek Energy Basic Information, Manufacturing Base and Competitors

Table Itek Energy CIGS Thin-Film Solar Cells Type and Applications

Table Itek Energy CIGS Thin-Film Solar Cells Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Table Global CIGS Thin-Film Solar Cells Sales by Manufacturer (2016-2017)

Figure Global CIGS Thin-Film Solar Cells Sales Market Share by Manufacturer in 2016

Figure Global CIGS Thin-Film Solar Cells Sales Market Share by Manufacturer in 2017

Table Global CIGS Thin-Film Solar Cells Revenue by Manufacturer (2016-2017)

Figure Global CIGS Thin-Film Solar Cells Revenue Market Share by Manufacturer in 2016

Figure Global CIGS Thin-Film Solar Cells Revenue Market Share by Manufacturer in 2017

Figure Top 3 CIGS Thin-Film Solar Cells Manufacturer (Revenue) Market Share in 2017

Figure Top 6 CIGS Thin-Film Solar Cells Manufacturer (Revenue) Market Share in 2017

Figure Global CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Global CIGS Thin-Film Solar Cells Revenue and Growth Rate (2013-2018)

Table Global CIGS Thin-Film Solar Cells Sales by Regions (2013-2018)

Table Global CIGS Thin-Film Solar Cells Sales Market Share by Regions (2013-2018)

Table Global CIGS Thin-Film Solar Cells Revenue by Regions (2013-2018)

Figure Global CIGS Thin-Film Solar Cells Revenue Market Share by Regions in 2013

Figure Global CIGS Thin-Film Solar Cells Revenue Market Share by Regions in 2017

Figure North America CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Europe CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Asia-Pacific CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure South America CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Middle East and Africa CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure North America CIGS Thin-Film Solar Cells Revenue and Growth Rate (2013-2018)

Table North America CIGS Thin-Film Solar Cells Sales by Countries (2013-2018)

Table North America CIGS Thin-Film Solar Cells Sales Market Share by Countries (2013-2018)

Figure North America CIGS Thin-Film Solar Cells Sales Market Share by Countries in 2013

Figure North America CIGS Thin-Film Solar Cells Sales Market Share by Countries in 2017

Table North America CIGS Thin-Film Solar Cells Revenue by Countries (2013-2018)

Table North America CIGS Thin-Film Solar Cells Revenue Market Share by Countries (2013-2018)

Figure North America CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2013

Figure North America CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2017

Figure United States CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Canada CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Mexico CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Europe CIGS Thin-Film Solar Cells Revenue and Growth Rate (2013-2018)

Table Europe CIGS Thin-Film Solar Cells Sales by Countries (2013-2018)

Table Europe CIGS Thin-Film Solar Cells Sales Market Share by Countries (2013-2018)

Table Europe CIGS Thin-Film Solar Cells Revenue by Countries (2013-2018)

Figure Europe CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2016

Figure Europe CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2017

Figure Germany CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure UK CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure France CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Russia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Italy CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Asia-Pacific CIGS Thin-Film Solar Cells Revenue and Growth Rate (2013-2018)

Table Asia-Pacific CIGS Thin-Film Solar Cells Sales by Countries (2013-2018)

Table Asia-Pacific CIGS Thin-Film Solar Cells Sales Market Share by Countries (2013-2018)

Figure Asia-Pacific CIGS Thin-Film Solar Cells Sales Market Share by Countries 2017

Table Asia-Pacific CIGS Thin-Film Solar Cells Revenue by Countries (2013-2018)

Figure Asia-Pacific CIGS Thin-Film Solar Cells Revenue Market Share by Countries 2017

Figure China CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Japan CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Korea CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure India CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Southeast Asia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure South America CIGS Thin-Film Solar Cells Revenue and Growth Rate (2013-2018)

Table South America CIGS Thin-Film Solar Cells Sales by Countries (2013-2018)

Table South America CIGS Thin-Film Solar Cells Sales Market Share by Countries (2013-2018)

Figure South America CIGS Thin-Film Solar Cells Sales Market Share by Countries in 2017

Table South America CIGS Thin-Film Solar Cells Revenue by Countries (2013-2018)

Table South America CIGS Thin-Film Solar Cells Revenue Market Share by Countries (2013-2018)

Figure South America CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2017

Figure Brazil CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Argentina CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Colombia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Middle East and Africa CIGS Thin-Film Solar Cells Revenue and Growth Rate (2013-2018)

Table Middle East and Africa CIGS Thin-Film Solar Cells Sales by Countries (2013-2018)

Table Middle East and Africa CIGS Thin-Film Solar Cells Sales Market Share by Countries (2013-2018)

Figure Middle East and Africa CIGS Thin-Film Solar Cells Sales Market Share by Countries in 2017

Table Middle East and Africa CIGS Thin-Film Solar Cells Revenue by Countries (2013-2018)

Table Middle East and Africa CIGS Thin-Film Solar Cells Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2013

Figure Middle East and Africa CIGS Thin-Film Solar Cells Revenue Market Share by Countries in 2017

Figure Saudi Arabia CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure UAE CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Egypt CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure Nigeria CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Figure South Africa CIGS Thin-Film Solar Cells Sales and Growth Rate (2013-2018)

Table Global CIGS Thin-Film Solar Cells Sales by Type (2013-2018)

Table Global CIGS Thin-Film Solar Cells Sales Share by Type (2013-2018)

Table Global CIGS Thin-Film Solar Cells Revenue by Type (2013-2018)

Table Global CIGS Thin-Film Solar Cells Revenue Share by Type (2013-2018)

Figure Global 1-2 Micro Meters Sales Growth (2013-2018)

Figure Global 1-2 Micro Meters Price (2013-2018)



Figure Global 2-3 Micro Meters Sales Growth (2013-2018)  
Figure Global 2-3 Micro Meters Price (2013-2018)  
Figure Global 3-4 Micro Meters Sales Growth (2013-2018)  
Figure Global 3-4 Micro Meters Price (2013-2018)  
Table Global CIGS Thin-Film Solar Cells Sales by Application (2013-2018)  
Table Global CIGS Thin-Film Solar Cells Sales Share by Application (2013-2018)  
Figure Global Electronics And Electrical Sales Growth (2013-2018)  
Figure Global Energy And Power Sales Growth (2013-2018)  
Figure Global Others Sales Growth (2013-2018)  
Figure Global CIGS Thin-Film Solar Cells Sales, Revenue and Growth Rate (2018-2023)  
Table Global CIGS Thin-Film Solar Cells Sales Forecast by Regions (2018-2023)  
Table Global CIGS Thin-Film Solar Cells Market Share Forecast by Regions (2018-2023)  
Figure North America Sales CIGS Thin-Film Solar Cells Market Forecast (2018-2023)  
Figure Europe Sales CIGS Thin-Film Solar Cells Market Forecast (2018-2023)  
Figure Asia-Pacific Sales CIGS Thin-Film Solar Cells Market Forecast (2018-2023)  
Figure South America Sales CIGS Thin-Film Solar Cells Market Forecast (2018-2023)  
Figure Middle East and Africa Sales CIGS Thin-Film Solar Cells Market Forecast (2018-2023)  
Table Global CIGS Thin-Film Solar Cells Sales Forecast by Type (2018-2023)  
Table Global CIGS Thin-Film Solar Cells Market Share Forecast by Type (2018-2023)  
Table Global CIGS Thin-Film Solar Cells Sales Forecast by Application (2018-2023)  
Table Global CIGS Thin-Film Solar Cells Market Share Forecast by Application (2018-2023)  
Table Distributors/Traders/ Dealers List

## I would like to order

Product name: Global CIGS Thin-Film Solar Cells Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

Product link: <https://marketpublishers.com/r/G76FA1D0BBDGEN.html>

Price: US\$ 3,480.00 (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/G76FA1D0BBDGEN.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

