

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Thin-film Solar Cell Market 2018, Forecast to 2023

<https://marketpublishers.com/r/GE6C0B3645EEN.html>

Date: June 2018

Pages: 137

Price: US\$ 4,880.00 (Single User License)

ID: GE6C0B3645EEN

Abstracts

Thin film solar cells refer to the fact that these types of solar cells use a much thinner level of photovoltaic material than mono-crystalline or multi-crystalline solar cells. The thin-film solar cells are made by depositing one or more thin layers, or thin film (TF) of photovoltaic material on a substrate, such as glass, plastic or metal. Thin-film solar cells are commercially used in several technologies, including cadmium telluride (CdTe), copper indium gallium diselenide (CIGS), and amorphous thin-film silicon (a-Si, TF-Si)

SCOPE OF THE REPORT:

This report focuses on the Thin-film Solar Cell 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.

Recent years, the sales of Thin-film Solar Cells industry are largely affected by the world economy. To the technology, the China market has a certain development space, but the popular Inverter in China made Thin-film Solar Cells market suffers greater pressure.

New enterprise can cooperate with the leading company, such as Siemens, and also must strengthen the study of the product, to promote the company's products to obtain industry competitiveness and market share.

The worldwide market for Thin-film Solar Cell is expected to grow at a CAGR of roughly 9.8% over the next five years, will reach 9950 million US\$ in 2023, from 6230 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

First Solar

Solar Frontier

Sharp Thin Film

MiaSole

NexPower

Stion

Calyxo

Kaneka Solartech

Bangkok Solar

Wurth Solar

Global Solar Energy

Hanergy

ENN Energy Holdings

Topray Solar

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

CdTe Thin-film Solar Cells

CIS/CIGS Thin-film Solar Cells

a-Si Thin-film Solar Cells

Market Segment by Applications, can be divided into

Commercial Application

Utility Application

Residential Application

There are 15 Chapters to deeply display the global Thin-film Solar Cell market.

Chapter 1, to describe Thin-film Solar Cell Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Thin-film Solar Cell, with sales, revenue, and price of Thin-film Solar Cell, 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 Thin-film Solar Cell, 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, Thin-film Solar Cell market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

Contents

1 MARKET OVERVIEW

- 1.1 Thin-film Solar Cell Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 CdTe Thin-film Solar Cells
 - 1.2.2 CIS/CIGS Thin-film Solar Cells
 - 1.2.3 a-Si Thin-film Solar Cells
- 1.3 Market Analysis by Applications
 - 1.3.1 Commercial Application
 - 1.3.2 Utility Application
 - 1.3.3 Residential Application
- 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 First Solar

2.1.1 Business Overview

2.1.1.1 First Solar Description

2.1.1.2 First Solar Headquarter, Main Business and Finance Overview

2.1.2 First Solar Thin-film Solar Cell Product Introduction

2.1.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

2.1.2.2 Thin-film Solar Cell Product Information

2.1.3 First Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.1 First Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.1.3.2 Global First Solar Thin-film Solar Cell Market Share in 2017

2.2 Solar Frontier

2.2.1 Business Overview

2.2.1.1 Solar Frontier Description

2.2.1.2 Solar Frontier Headquarter, Main Business and Finance Overview

2.2.2 Solar Frontier Thin-film Solar Cell Product Introduction

2.2.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

2.2.2.2 Thin-film Solar Cell Product Information

2.2.3 Solar Frontier Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.1 Solar Frontier Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.2.3.2 Global Solar Frontier Thin-film Solar Cell Market Share in 2017

2.3 Sharp Thin Film

2.3.1 Business Overview

2.3.1.1 Sharp Thin Film Description

2.3.1.2 Sharp Thin Film Headquarter, Main Business and Finance Overview

2.3.2 Sharp Thin Film Thin-film Solar Cell Product Introduction

2.3.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

2.3.2.2 Thin-film Solar Cell Product Information

2.3.3 Sharp Thin Film Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.1 Sharp Thin Film Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.3.3.2 Global Sharp Thin Film Thin-film Solar Cell Market Share in 2017

2.4 MiaSole

2.4.1 Business Overview

2.4.1.1 MiaSole Description

2.4.1.2 MiaSole Headquarter, Main Business and Finance Overview

2.4.2 MiaSole Thin-film Solar Cell Product Introduction

2.4.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

2.4.2.2 Thin-film Solar Cell Product Information

2.4.3 MiaSole Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.1 MiaSole Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.4.3.2 Global MiaSole Thin-film Solar Cell Market Share in 2017

2.5 NexPower

2.5.1 Business Overview

2.5.1.1 NexPower Description

2.5.1.2 NexPower Headquarter, Main Business and Finance Overview

2.5.2 NexPower Thin-film Solar Cell Product Introduction

2.5.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

2.5.2.2 Thin-film Solar Cell Product Information

2.5.3 NexPower Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.1 NexPower Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.5.3.2 Global NexPower Thin-film Solar Cell Market Share in 2017

2.6 Stion

2.6.1 Business Overview

2.6.1.1 Stion Description

2.6.1.2 Stion Headquarter, Main Business and Finance Overview

2.6.2 Stion Thin-film Solar Cell Product Introduction

2.6.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

2.6.2.2 Thin-film Solar Cell Product Information

2.6.3 Stion Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.1 Stion Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

2.6.3.2 Global Stion Thin-film Solar Cell Market Share in 2017

2.7 Calyxo

2.7.1 Business Overview

- 2.7.1.1 Calyxo Description
- 2.7.1.2 Calyxo Headquarter, Main Business and Finance Overview
- 2.7.2 Calyxo Thin-film Solar Cell Product Introduction
 - 2.7.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors
 - 2.7.2.2 Thin-film Solar Cell Product Information
- 2.7.3 Calyxo Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.7.3.1 Calyxo Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.7.3.2 Global Calyxo Thin-film Solar Cell Market Share in 2017
- 2.8 Kaneka Solartech
 - 2.8.1 Business Overview
 - 2.8.1.1 Kaneka Solartech Description
 - 2.8.1.2 Kaneka Solartech Headquarter, Main Business and Finance Overview
 - 2.8.2 Kaneka Solartech Thin-film Solar Cell Product Introduction
 - 2.8.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors
 - 2.8.2.2 Thin-film Solar Cell Product Information
 - 2.8.3 Kaneka Solartech Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.8.3.1 Kaneka Solartech Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.8.3.2 Global Kaneka Solartech Thin-film Solar Cell Market Share in 2017
- 2.9 Bangkok Solar
 - 2.9.1 Business Overview
 - 2.9.1.1 Bangkok Solar Description
 - 2.9.1.2 Bangkok Solar Headquarter, Main Business and Finance Overview
 - 2.9.2 Bangkok Solar Thin-film Solar Cell Product Introduction
 - 2.9.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors
 - 2.9.2.2 Thin-film Solar Cell Product Information
 - 2.9.3 Bangkok Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.3.1 Bangkok Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.9.3.2 Global Bangkok Solar Thin-film Solar Cell Market Share in 2017
- 2.10 Würth Solar
 - 2.10.1 Business Overview
 - 2.10.1.1 Würth Solar Description
 - 2.10.1.2 Würth Solar Headquarter, Main Business and Finance Overview
 - 2.10.2 Würth Solar Thin-film Solar Cell Product Introduction

- 2.10.2.1 Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors
- 2.10.2.2 Thin-film Solar Cell Product Information
- 2.10.3 Würth Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.1 Würth Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
 - 2.10.3.2 Global Würth Solar Thin-film Solar Cell Market Share in 2017
- 2.11 Global Solar Energy
 - 2.11.1 Business Overview
 - 2.11.2 Global Solar Energy Thin-film Solar Cell Product Introduction
 - 2.11.3 Global Solar Energy Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.12 Hanergy
 - 2.12.1 Business Overview
 - 2.12.2 Hanergy Thin-film Solar Cell Product Introduction
 - 2.12.3 Hanergy Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.13 ENN Energy Holdings
 - 2.13.1 Business Overview
 - 2.13.2 ENN Energy Holdings Thin-film Solar Cell Product Introduction
 - 2.13.3 ENN Energy Holdings Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
- 2.14 Topray Solar
 - 2.14.1 Business Overview
 - 2.14.2 Topray Solar Thin-film Solar Cell Product Introduction
 - 2.14.3 Topray Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL THIN-FILM SOLAR CELL MARKET COMPETITION, BY MANUFACTURER

- 3.1 Global Thin-film Solar Cell Sales and Market Share by Manufacturer (2016-2017)
- 3.2 Global Thin-film Solar Cell Revenue and Market Share by Manufacturer (2016-2017)
- 3.3 Global Thin-film Solar Cell Price by Manufacturer (2016-2017)
- 3.4 Market Concentration Rate
 - 3.4.1 Top 3 Thin-film Solar Cell Manufacturer Market Share in 2017
 - 3.4.2 Top 5 Thin-film Solar Cell Manufacturer Market Share in 2017
- 3.5 Market Competition Trend

4 GLOBAL THIN-FILM SOLAR CELL MARKET ANALYSIS BY REGIONS

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

5 NORTH AMERICA THIN-FILM SOLAR CELL BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

- 5.1 North America Thin-film Solar Cell Sales, Revenue and Market Share by Countries
 - 5.1.1 North America Thin-film Solar Cell Sales by Countries (2013-2018)
 - 5.1.2 North America Thin-film Solar Cell Revenue by Countries (2013-2018)
 - 5.1.3 United States Thin-film Solar Cell Sales and Growth Rate (2013-2018)
 - 5.1.4 Canada Thin-film Solar Cell Sales and Growth Rate (2013-2018)
 - 5.1.5 Mexico Thin-film Solar Cell Sales and Growth Rate (2013-2018)
- 5.2 North America Thin-film Solar Cell Sales and Revenue (Value) by Manufacturers (2016-2017)
 - 5.2.1 North America Thin-film Solar Cell Sales by Manufacturers (2016-2017)
 - 5.2.2 North America Thin-film Solar Cell Revenue by Manufacturers (2016-2017)
- 5.3 North America Thin-film Solar Cell Sales, Revenue and Market Share by Type (2013-2018)
 - 5.3.1 North America Thin-film Solar Cell Sales and Sales Share by Type (2013-2018)
 - 5.3.2 North America Thin-film Solar Cell Revenue and Revenue Share by Type (2013-2018)
- 5.4 North America Thin-film Solar Cell Sales, Revenue and Market Share by Application (2013-2018)
 - 5.4.1 North America Thin-film Solar Cell Sales and Sales Share by Application (2013-2018)
 - 5.4.2 North America Thin-film Solar Cell Revenue and Revenue Share by Application (2013-2018)

6 EUROPE THIN-FILM SOLAR CELL BY COUNTRIES, TYPE, APPLICATION AND

MANUFACTURERS

6.1 Europe Thin-film Solar Cell Sales, Revenue and Market Share by Countries

6.1.1 Europe Thin-film Solar Cell Sales by Countries (2013-2018)

6.1.2 Europe Thin-film Solar Cell Revenue by Countries (2013-2018)

6.1.3 Germany Thin-film Solar Cell Sales and Growth Rate (2013-2018)

6.1.4 UK Thin-film Solar Cell Sales and Growth Rate (2013-2018)

6.1.5 France Thin-film Solar Cell Sales and Growth Rate (2013-2018)

6.1.6 Russia Thin-film Solar Cell Sales and Growth Rate (2013-2018)

6.1.7 Italy Thin-film Solar Cell Sales and Growth Rate (2013-2018)

6.2 Europe Thin-film Solar Cell Sales and Revenue (Value) by Manufacturers (2016-2017)

6.2.1 Europe Thin-film Solar Cell Sales by Manufacturers (2016-2017)

6.2.2 Europe Thin-film Solar Cell Revenue by Manufacturers (2016-2017)

6.3 Europe Thin-film Solar Cell Sales, Revenue and Market Share by Type (2013-2018)

6.3.1 Europe Thin-film Solar Cell Sales and Sales Share by Type (2013-2018)

6.3.2 Europe Thin-film Solar Cell Revenue and Revenue Share by Type (2013-2018)

6.4 Europe Thin-film Solar Cell Sales, Revenue and Market Share by Application (2013-2018)

6.4.1 Europe Thin-film Solar Cell Sales and Sales Share by Application (2013-2018)

6.4.2 Europe Thin-film Solar Cell Revenue and Revenue Share by Application (2013-2018)

7 ASIA-PACIFIC THIN-FILM SOLAR CELL BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

7.1 Asia-Pacific Thin-film Solar Cell Sales, Revenue and Market Share by Countries

7.1.1 Asia-Pacific Thin-film Solar Cell Sales by Countries (2013-2018)

7.1.2 Asia-Pacific Thin-film Solar Cell Revenue by Countries (2013-2018)

7.1.3 China Thin-film Solar Cell Sales and Growth Rate (2013-2018)

7.1.4 Japan Thin-film Solar Cell Sales and Growth Rate (2013-2018)

7.1.5 Korea Thin-film Solar Cell Sales and Growth Rate (2013-2018)

7.1.6 India Thin-film Solar Cell Sales and Growth Rate (2013-2018)

7.1.7 Southeast Asia Thin-film Solar Cell Sales and Growth Rate (2013-2018)

7.2 Asia-Pacific Thin-film Solar Cell Sales and Revenue (Value) by Manufacturers (2016-2017)

7.2.1 Asia-Pacific Thin-film Solar Cell Sales by Manufacturers (2016-2017)

7.2.2 Asia-Pacific Thin-film Solar Cell Revenue by Manufacturers (2016-2017)

7.3 Asia-Pacific Thin-film Solar Cell Sales, Revenue and Market Share by Type

(2013-2018)

7.3.1 Asia-Pacific Thin-film Solar Cell Sales and Sales Share by Type (2013-2018)

7.3.2 Asia-Pacific Thin-film Solar Cell Revenue and Revenue Share by Type

(2013-2018)

7.4 Asia-Pacific Thin-film Solar Cell Sales, Revenue and Market Share by Application

(2013-2018)

7.4.1 Asia-Pacific Thin-film Solar Cell Sales and Sales Share by Application

(2013-2018)

7.4.2 Asia-Pacific Thin-film Solar Cell Revenue and Revenue Share by Application

(2013-2018)

8 SOUTH AMERICA THIN-FILM SOLAR CELL BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

8.1 South America Thin-film Solar Cell Sales, Revenue and Market Share by Countries

8.1.1 South America Thin-film Solar Cell Sales by Countries (2013-2018)

8.1.2 South America Thin-film Solar Cell Revenue by Countries (2013-2018)

8.1.3 Brazil Thin-film Solar Cell Sales and Growth Rate (2013-2018)

8.1.4 Argentina Thin-film Solar Cell Sales and Growth Rate (2013-2018)

8.1.5 Colombia Thin-film Solar Cell Sales and Growth Rate (2013-2018)

8.2 South America Thin-film Solar Cell Sales and Revenue (Value) by Manufacturers

(2016-2017)

8.2.1 South America Thin-film Solar Cell Sales by Manufacturers (2016-2017)

8.2.2 South America Thin-film Solar Cell Revenue by Manufacturers (2016-2017)

8.3 South America Thin-film Solar Cell Sales, Revenue and Market Share by Type

(2013-2018)

8.3.1 South America Thin-film Solar Cell Sales and Sales Share by Type (2013-2018)

8.3.2 South America Thin-film Solar Cell Revenue and Revenue Share by Type

(2013-2018)

8.4 South America Thin-film Solar Cell Sales, Revenue and Market Share by

Application (2013-2018)

8.4.1 South America Thin-film Solar Cell Sales and Sales Share by Application

(2013-2018)

8.4.2 South America Thin-film Solar Cell Revenue and Revenue Share by Application

(2013-2018)

9 MIDDLE EAST AND AFRICA THIN-FILM SOLAR CELL BY COUNTRIES, TYPE, APPLICATION AND MANUFACTURERS

9.1 Middle East and Africa Thin-film Solar Cell Sales, Revenue and Market Share by Countries

- 9.1.1 Middle East and Africa Thin-film Solar Cell Sales by Countries (2013-2018)
- 9.1.2 Middle East and Africa Thin-film Solar Cell Revenue by Countries (2013-2018)
- 9.1.3 Saudi Arabia Thin-film Solar Cell Sales and Growth Rate (2013-2018)
- 9.1.4 UAE Thin-film Solar Cell Sales and Growth Rate (2013-2018)
- 9.1.5 Egypt Thin-film Solar Cell Sales and Growth Rate (2013-2018)
- 9.1.6 Nigeria Thin-film Solar Cell Sales and Growth Rate (2013-2018)
- 9.1.7 South Africa Thin-film Solar Cell Sales and Growth Rate (2013-2018)

9.2 Middle East and Africa Thin-film Solar Cell Sales and Revenue (Value) by Manufacturers (2016-2017)

- 9.2.1 Middle East and Africa Thin-film Solar Cell Sales by Manufacturers (2016-2017)
- 9.2.2 Middle East and Africa Thin-film Solar Cell Revenue by Manufacturers (2016-2017)

9.3 Middle East and Africa Thin-film Solar Cell Sales, Revenue and Market Share by Type (2013-2018)

- 9.3.1 Middle East and Africa Thin-film Solar Cell Sales and Sales Share by Type (2013-2018)
- 9.3.1 Middle East and Africa Thin-film Solar Cell Revenue and Revenue Share by Type (2013-2018)

9.4 Middle East and Africa Thin-film Solar Cell Sales, Revenue and Market Share by Application (2013-2018)

- 9.4.1 Middle East and Africa Thin-film Solar Cell Sales and Sales Share by Application (2013-2018)
- 9.4.2 Middle East and Africa Thin-film Solar Cell Revenue and Revenue Share by Application (2013-2018)

10 GLOBAL THIN-FILM SOLAR CELL MARKET SEGMENT BY TYPE

10.1 Global Thin-film Solar Cell Sales, Revenue and Market Share by Type (2013-2018)

- 10.1.1 Global Thin-film Solar Cell Sales and Market Share by Type (2013-2018)
- 10.1.2 Global Thin-film Solar Cell Revenue and Market Share by Type (2013-2018)

10.2 CdTe Thin-film Solar Cells Sales Growth and Price

- 10.2.1 Global CdTe Thin-film Solar Cells Sales Growth (2013-2018)
- 10.2.2 Global CdTe Thin-film Solar Cells Price (2013-2018)

10.3 CIS/CIGS Thin-film Solar Cells Sales Growth and Price

- 10.3.1 Global CIS/CIGS Thin-film Solar Cells Sales Growth (2013-2018)
- 10.3.2 Global CIS/CIGS Thin-film Solar Cells Price (2013-2018)

10.4 a-Si Thin-film Solar Cells Sales Growth and Price

10.4.1 Global a-Si Thin-film Solar Cells Sales Growth (2013-2018)

10.4.2 Global a-Si Thin-film Solar Cells Price (2013-2018)

11 GLOBAL THIN-FILM SOLAR CELL MARKET SEGMENT BY APPLICATION

11.1 Global Thin-film Solar Cell Sales Market Share by Application (2013-2018)

11.2 Commercial Application Sales Growth (2013-2018)

11.3 Utility Application Sales Growth (2013-2018)

11.4 Residential Application Sales Growth (2013-2018)

12 THIN-FILM SOLAR CELL MARKET FORECAST (2018-2023)

12.1 Global Thin-film Solar Cell Sales, Revenue and Growth Rate (2018-2023)

12.2 Thin-film Solar Cell Market Forecast by Regions (2018-2023)

12.2.1 North America Thin-film Solar Cell Market Forecast (2018-2023)

12.2.2 Europe Thin-film Solar Cell Market Forecast (2018-2023)

12.2.3 Asia-Pacific Thin-film Solar Cell Market Forecast (2018-2023)

12.2.4 South America Thin-film Solar Cell Market Forecast (2018-2023)

12.2.5 Middle East and Africa Thin-film Solar Cell Market Forecast (2018-2023)

12.3 Thin-film Solar Cell Market Forecast by Type (2018-2023)

12.3.1 Global Thin-film Solar Cell Sales Forecast by Type (2018-2023)

12.3.2 Global Thin-film Solar Cell Market Share Forecast by Type (2018-2023)

12.4 Thin-film Solar Cell Market Forecast by Application (2018-2023)

12.4.1 Global Thin-film Solar Cell Sales Forecast by Application (2018-2023)

12.4.2 Global Thin-film Solar Cell 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 Thin-film Solar Cell Picture

Table Product Specifications of Thin-film Solar Cell

Figure Global Thin-film Solar Cell CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (USD Million)

Figure Global Thin-film Solar Cell CAGR (%), Y-o-Y Growth (&) and Market Size, 2013-2023 (Sales)

Figure Global Sales Market Share of Thin-film Solar Cell by Types in 2017

Figure CdTe Thin-film Solar Cells Picture

Table Major Manufacturers of CdTe Thin-film Solar Cells

Figure CIS/CIGS Thin-film Solar Cells Picture

Table Major Manufacturers of CIS/CIGS Thin-film Solar Cells

Figure a-Si Thin-film Solar Cells Picture

Table Major Manufacturers of a-Si Thin-film Solar Cells

Figure Thin-film Solar Cell Sales Market Share by Applications in 2017

Figure Commercial Application Picture

Figure Utility Application Picture

Figure Residential Application Picture

Figure United States Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Canada Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Mexico Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Germany Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure France Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure UK Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Russia Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Italy Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure China Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Japan Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Korea Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure India Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Southeast Asia Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Brazil Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Egypt Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Saudi Arabia Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure South Africa Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Figure Nigeria Thin-film Solar Cell Revenue (Value) and Growth Rate (2013-2023)

Table First Solar Headquarter, Established, Main Business and Finance Overview (2017)

Table First Solar Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table First Solar Thin-film Solar Cell Product

Table First Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global First Solar Thin-film Solar Cell Sales Market Share in 2017

Figure Global First Solar Thin-film Solar Cell Revenue Market Share in 2017

Table Solar Frontier Headquarter, Established, Main Business and Finance Overview (2017)

Table Solar Frontier Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table Solar Frontier Thin-film Solar Cell Product

Table Solar Frontier Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Solar Frontier Thin-film Solar Cell Sales Market Share in 2017

Figure Global Solar Frontier Thin-film Solar Cell Revenue Market Share in 2017

Table Sharp Thin Film Headquarter, Established, Main Business and Finance Overview (2017)

Table Sharp Thin Film Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table Sharp Thin Film Thin-film Solar Cell Product

Table Sharp Thin Film Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Sharp Thin Film Thin-film Solar Cell Sales Market Share in 2017

Figure Global Sharp Thin Film Thin-film Solar Cell Revenue Market Share in 2017

Table MiaSole Headquarter, Established, Main Business and Finance Overview (2017)

Table MiaSole Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table MiaSole Thin-film Solar Cell Product

Table MiaSole Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global MiaSole Thin-film Solar Cell Sales Market Share in 2017

Figure Global MiaSole Thin-film Solar Cell Revenue Market Share in 2017

Table NexPower Headquarter, Established, Main Business and Finance Overview (2017)

Table NexPower Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table NexPower Thin-film Solar Cell Product

Table NexPower Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global NexPower Thin-film Solar Cell Sales Market Share in 2017

Figure Global NexPower Thin-film Solar Cell Revenue Market Share in 2017

Table Stion Headquarter, Established, Main Business and Finance Overview (2017)

Table Stion Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table Stion Thin-film Solar Cell Product

Table Stion Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Stion Thin-film Solar Cell Sales Market Share in 2017

Figure Global Stion Thin-film Solar Cell Revenue Market Share in 2017

Table Calyxo Headquarter, Established, Main Business and Finance Overview (2017)

Table Calyxo Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table Calyxo Thin-film Solar Cell Product

Table Calyxo Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Calyxo Thin-film Solar Cell Sales Market Share in 2017

Figure Global Calyxo Thin-film Solar Cell Revenue Market Share in 2017

Table Kaneka Solartech Headquarter, Established, Main Business and Finance Overview (2017)

Table Kaneka Solartech Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table Kaneka Solartech Thin-film Solar Cell Product

Table Kaneka Solartech Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Kaneka Solartech Thin-film Solar Cell Sales Market Share in 2017

Figure Global Kaneka Solartech Thin-film Solar Cell Revenue Market Share in 2017

Table Bangkok Solar Headquarter, Established, Main Business and Finance Overview (2017)

Table Bangkok Solar Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors

Table Bangkok Solar Thin-film Solar Cell Product

Table Bangkok Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)

Figure Global Bangkok Solar Thin-film Solar Cell Sales Market Share in 2017
Figure Global Bangkok Solar Thin-film Solar Cell Revenue Market Share in 2017
Table Würth Solar Headquarter, Established, Main Business and Finance Overview (2017)
Table Würth Solar Thin-film Solar Cell Production Bases, Sales Regions and Major Competitors
Table Würth Solar Thin-film Solar Cell Product
Table Würth Solar Thin-film Solar Cell Sales, Price, Revenue, Gross Margin and Market Share (2016-2017)
Figure Global Würth Solar Thin-film Solar Cell Sales Market Share in 2017
Figure Global Würth Solar Thin-film Solar Cell Revenue Market Share in 2017
Table Global Solar Energy
Table Global Solar Energy Thin-film Solar Cell
Table Hanergy
Table Hanergy Thin-film Solar Cell
Table ENN Energy Holdings
Table ENN Energy Holdings Thin-film Solar Cell
Table Topray Solar
Table Topray Solar Thin-film Solar Cell
Table Global Thin-film Solar Cell Sales by Manufacturer (2016-2017)
Figure Global Thin-film Solar Cell Sales Market Share by Manufacturer in 2016
Figure Global Thin-film Solar Cell Sales Market Share by Manufacturer in 2017
Table Global Thin-film Solar Cell Revenue by Manufacturer (2016-2017)
Figure Global Thin-film Solar Cell Revenue Market Share by Manufacturer in 2016
Figure Global Thin-film Solar Cell Revenue Market Share by Manufacturer in 2017
Table Global Thin-film Solar Cell Price by Manufacturer (2016-2017)
Figure Top 3 Thin-film Solar Cell Manufacturer (Revenue) Market Share in 2017
Figure Top 6 Thin-film Solar Cell Manufacturer (Revenue) Market Share in 2017
Figure Global Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Global Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Table Global Thin-film Solar Cell Sales by Regions (2013-2018)
Table Global Thin-film Solar Cell Sales Market Share by Regions (2013-2018)
Table Global Thin-film Solar Cell Revenue by Regions (2013-2018)
Figure Global Thin-film Solar Cell Revenue Market Share by Regions in 2013
Figure Global Thin-film Solar Cell Revenue Market Share by Regions in 2017
Figure North America Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure North America Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Figure Europe Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Europe Thin-film Solar Cell Revenue and Growth Rate (2013-2018)

Figure Asia-Pacific Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Asia-Pacific Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Figure South America Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure South America Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Figure Middle East and Africa Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Middle East and Africa Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Figure North America Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Table North America Thin-film Solar Cell Sales by Countries (2013-2018)
Table North America Thin-film Solar Cell Sales Market Share by Countries (2013-2018)
Figure North America Thin-film Solar Cell Sales Market Share by Countries in 2013
Figure North America Thin-film Solar Cell Sales Market Share by Countries in 2017
Table North America Thin-film Solar Cell Revenue by Countries (2013-2018)
Table North America Thin-film Solar Cell Revenue Market Share by Countries (2013-2018)
Figure North America Thin-film Solar Cell Revenue Market Share by Countries in 2013
Figure North America Thin-film Solar Cell Revenue Market Share by Countries in 2017
Figure United States Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Canada Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Mexico Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Table North America Thin-film Solar Cell Sales by Manufacturer (2016-2017)
Figure North America Thin-film Solar Cell Sales Market Share by Manufacturer in 2016
Figure North America Thin-film Solar Cell Sales Market Share by Manufacturer in 2017
Table North America Thin-film Solar Cell Revenue by Manufacturer (2016-2017)
Figure North America Thin-film Solar Cell Revenue Market Share by Manufacturer in 2016
Figure North America Thin-film Solar Cell Revenue Market Share by Manufacturer in 2017
Table North America Thin-film Solar Cell Sales by Type (2013-2018)
Table North America Thin-film Solar Cell Sales Share by Type (2013-2018)
Table North America Thin-film Solar Cell Revenue by Type (2013-2018)
Table North America Thin-film Solar Cell Revenue Share by Type (2013-2018)
Table North America Thin-film Solar Cell Sales by Application (2013-2018)
Table North America Thin-film Solar Cell Sales Share by Application (2013-2018)
Table North America Thin-film Solar Cell Revenue by Application (2013-2018)
Table North America Thin-film Solar Cell Revenue Share by Application (2013-2018)
Figure Europe Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Table Europe Thin-film Solar Cell Sales by Countries (2013-2018)
Table Europe Thin-film Solar Cell Sales Market Share by Countries (2013-2018)

Table Europe Thin-film Solar Cell Revenue by Countries (2013-2018)
Figure Europe Thin-film Solar Cell Revenue Market Share by Countries in 2016
Figure Europe Thin-film Solar Cell Revenue Market Share by Countries in 2017
Figure Germany Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure UK Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure France Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Russia Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Italy Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Table Europe Thin-film Solar Cell Sales by Manufacturer (2016-2017)
Figure Europe Thin-film Solar Cell Sales Market Share by Manufacturer in 2016
Figure Europe Thin-film Solar Cell Sales Market Share by Manufacturer in 2017
Table Europe Thin-film Solar Cell Revenue by Manufacturer (2016-2017)
Figure Europe Thin-film Solar Cell Revenue Market Share by Manufacturer in 2016
Figure Europe Thin-film Solar Cell Revenue Market Share by Manufacturer in 2017
Table Europe Thin-film Solar Cell Sales by Type (2013-2018)
Table Europe Thin-film Solar Cell Sales Share by Type (2013-2018)
Table Europe Thin-film Solar Cell Revenue by Type (2013-2018)
Table Europe Thin-film Solar Cell Revenue Share by Type (2013-2018)
Table Europe Thin-film Solar Cell Sales by Application (2013-2018)
Table Europe Thin-film Solar Cell Sales Share by Application (2013-2018)
Table Europe Thin-film Solar Cell Revenue by Application (2013-2018)
Table Europe Thin-film Solar Cell Revenue Share by Application (2013-2018)
Figure Asia-Pacific Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Sales by Countries (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Sales Market Share by Countries (2013-2018)
Figure Asia-Pacific Thin-film Solar Cell Sales Market Share by Countries 2017
Table Asia-Pacific Thin-film Solar Cell Revenue by Countries (2013-2018)
Figure Asia-Pacific Thin-film Solar Cell Revenue Market Share by Countries 2017
Figure China Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Japan Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Korea Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure India Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Southeast Asia Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Sales by Manufacturer (2016-2017)
Figure Asia-Pacific Thin-film Solar Cell Sales Market Share by Manufacturer in 2016
Figure Asia-Pacific Thin-film Solar Cell Sales Market Share by Manufacturer in 2017
Table Asia-Pacific Thin-film Solar Cell Revenue by Manufacturer (2016-2017)
Figure Asia-Pacific Thin-film Solar Cell Revenue Market Share by Manufacturer in 2016
Figure Asia-Pacific Thin-film Solar Cell Revenue Market Share by Manufacturer in 2017

Table Asia-Pacific Thin-film Solar Cell Sales by Type (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Sales Share by Type (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Revenue by Type (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Revenue Share by Type (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Sales by Application (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Sales Share by Application (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Revenue by Application (2013-2018)
Table Asia-Pacific Thin-film Solar Cell Revenue Share by Application (2013-2018)
Figure South America Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Table South America Thin-film Solar Cell Sales by Countries (2013-2018)
Table South America Thin-film Solar Cell Sales Market Share by Countries (2013-2018)
Figure South America Thin-film Solar Cell Sales Market Share by Countries in 2017
Table South America Thin-film Solar Cell Revenue by Countries (2013-2018)
Table South America Thin-film Solar Cell Revenue Market Share by Countries (2013-2018)
Figure South America Thin-film Solar Cell Revenue Market Share by Countries in 2017
Figure Brazil Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Argentina Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Figure Colombia Thin-film Solar Cell Sales and Growth Rate (2013-2018)
Table South America Thin-film Solar Cell Sales by Manufacturer (2016-2017)
Figure South America Thin-film Solar Cell Sales Market Share by Manufacturer in 2016
Figure South America Thin-film Solar Cell Sales Market Share by Manufacturer in 2017
Table South America Thin-film Solar Cell Revenue by Manufacturer (2016-2017)
Figure South America Thin-film Solar Cell Revenue Market Share by Manufacturer in 2016
Figure South America Thin-film Solar Cell Revenue Market Share by Manufacturer in 2017
Table South America Thin-film Solar Cell Sales by Type (2013-2018)
Table South America Thin-film Solar Cell Sales Share by Type (2013-2018)
Table South America Thin-film Solar Cell Revenue by Type (2013-2018)
Table South America Thin-film Solar Cell Revenue Share by Type (2013-2018)
Table South America Thin-film Solar Cell Sales by Application (2013-2018)
Table South America Thin-film Solar Cell Sales Share by Application (2013-2018)
Table South America Thin-film Solar Cell Revenue by Application (2013-2018)
Table South America Thin-film Solar Cell Revenue Share by Application (2013-2018)
Figure Middle East and Africa Thin-film Solar Cell Revenue and Growth Rate (2013-2018)
Table Middle East and Africa Thin-film Solar Cell Sales by Countries (2013-2018)
Table Middle East and Africa Thin-film Solar Cell Sales Market Share by Countries

(2013-2018)

Figure Middle East and Africa Thin-film Solar Cell Sales Market Share by Countries in 2017

Table Middle East and Africa Thin-film Solar Cell Revenue by Countries (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Thin-film Solar Cell Revenue Market Share by Countries in 2013

Figure Middle East and Africa Thin-film Solar Cell Revenue Market Share by Countries in 2017

Figure Saudi Arabia Thin-film Solar Cell Sales and Growth Rate (2013-2018)

Figure UAE Thin-film Solar Cell Sales and Growth Rate (2013-2018)

Figure Egypt Thin-film Solar Cell Sales and Growth Rate (2013-2018)

Figure Nigeria Thin-film Solar Cell Sales and Growth Rate (2013-2018)

Figure South Africa Thin-film Solar Cell Sales and Growth Rate (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Sales by Manufacturer (2016-2017)

Figure Middle East and Africa Thin-film Solar Cell Sales Market Share by Manufacturer in 2016

Figure Middle East and Africa Thin-film Solar Cell Sales Market Share by Manufacturer in 2017

Table Middle East and Africa Thin-film Solar Cell Revenue by Manufacturer (2016-2017)

Figure Middle East and Africa Thin-film Solar Cell Revenue Market Share by Manufacturer in 2016

Figure Middle East and Africa Thin-film Solar Cell Revenue Market Share by Manufacturer in 2017

Table Middle East and Africa Thin-film Solar Cell Sales by Type (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Sales Share by Type (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Revenue by Type (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Revenue Share by Type (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Sales by Application (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Sales Share by Application (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Revenue by Application (2013-2018)

Table Middle East and Africa Thin-film Solar Cell Revenue Share by Application (2013-2018)

Table Global Thin-film Solar Cell Sales by Type (2013-2018)

Table Global Thin-film Solar Cell Sales Share by Type (2013-2018)

Table Global Thin-film Solar Cell Revenue by Type (2013-2018)

Table Global Thin-film Solar Cell Revenue Share by Type (2013-2018)
Figure Global CdTe Thin-film Solar Cells Sales Growth (2013-2018)
Figure Global CdTe Thin-film Solar Cells Price (2013-2018)
Figure Global CIS/CIGS Thin-film Solar Cells Sales Growth (2013-2018)
Figure Global CIS/CIGS Thin-film Solar Cells Price (2013-2018)
Figure Global a-Si Thin-film Solar Cells Sales Growth (2013-2018)
Figure Global a-Si Thin-film Solar Cells Price (2013-2018)
Table Global Thin-film Solar Cell Sales by Application (2013-2018)
Table Global Thin-film Solar Cell Sales Share by Application (2013-2018)
Figure Global Commercial Application Sales Growth (2013-2018)
Figure Global Utility Application Sales Growth (2013-2018)
Figure Global Residential Application Sales Growth (2013-2018)
Figure Global Thin-film Solar Cell Sales, Revenue and Growth Rate (2018-2023)
Table Global Thin-film Solar Cell Sales Forecast by Regions (2018-2023)
Table Global Thin-film Solar Cell Market Share Forecast by Regions (2018-2023)
Figure North America Sales Thin-film Solar Cell Market Forecast (2018-2023)
Figure Europe Sales Thin-film Solar Cell Market Forecast (2018-2023)
Figure Asia-Pacific Sales Thin-film Solar Cell Market Forecast (2018-2023)
Figure South America Sales Thin-film Solar Cell Market Forecast (2018-2023)
Figure Middle East and Africa Sales Thin-film Solar Cell Market Forecast (2018-2023)
Table Global Thin-film Solar Cell Sales Forecast by Type (2018-2023)
Table Global Thin-film Solar Cell Market Share Forecast by Type (2018-2023)
Table Global Thin-film Solar Cell Sales Forecast by Application (2018-2023)
Table Global Thin-film Solar Cell Market Share Forecast by Application (2018-2023)
Table Distributors/Traders/ Dealers List

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