

# Thin Film Photovoltaic Cells Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/T03913794883EN.html

Date: November 2020

Pages: 95

Price: US\$ 2,800.00 (Single User License)

ID: T03913794883EN

# **Abstracts**

# **SUMMARY**

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary.

The global Thin Film Photovoltaic Cells market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Thin Film Photovoltaic Cells market segmented into

#### Gallium Arsenide



Copper Indium Selenium	
Cadmium Telluride	
Based on the end-use, the global Thin Film Photovoltaic Cells market classified into	
Electronics Industry	
Military	
Power Supply	
Communication	
Others	
Based on geography, the global Thin Film Photovoltaic Cells market segmented into	
North America [U.S., Canada, Mexico]	
Europe [Germany, UK, France, Italy, Rest of Europe]	
Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Re of Asia Pacific]	S
South America [Brazil, Argentina, Rest of Latin America]	
Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East ar Africa]	ıc
And the major players included in the report are	

Thin Film Photovoltaic Cells Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Sharp Solar Energy Solutions Group

NexPower Technology



Solar Frontier K.K
Trony Solar Holdings
TSMC Solar Limited
Astronergy
AVANCIS GmbH
Eguana Technologies
First Solar
Hanergy Holding Group
MiaSole
Kaneka
Masdar PV GmbH



# **Contents**

#### 1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
  - 1.2.1 Product Type
  - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

#### 2 GLOBAL THIN FILM PHOTOVOLTAIC CELLS INDUSTRY

- 2.1 Summary about Thin Film Photovoltaic Cells Industry
- 2.2 Thin Film Photovoltaic Cells Market Trends
- 2.2.1 Thin Film Photovoltaic Cells Production & Consumption Trends
- 2.2.2 Thin Film Photovoltaic Cells Demand Structure Trends
- 2.3 Thin Film Photovoltaic Cells Cost & Price

#### **3 MARKET DYNAMICS**

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

## **4 GLOBAL MARKET SEGMENTATION**

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
- 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
- 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)



- 4.2.1 Gallium Arsenide
- 4.2.2 Copper Indium Selenium
- 4.2.3 Cadmium Telluride
- 4.3 Consumption Segmentation (2017 to 2021f)
  - 4.3.1 Electronics Industry
  - 4.3.2 Military
  - 4.3.3 Power Supply
  - 4.3.4 Communication
  - 4.3.5 Others

#### **5 NORTH AMERICA MARKET SEGMENT**

- 5.1 Region Segmentation (2017 to 2021f)
  - 5.1.1 U.S.
  - 5.1.2 Canada
  - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
  - 5.2.1 Gallium Arsenide
  - 5.2.2 Copper Indium Selenium
  - 5.2.3 Cadmium Telluride
- 5.3 Consumption Segmentation (2017 to 2021f)
  - 5.3.1 Electronics Industry
  - 5.3.2 Military
  - 5.3.3 Power Supply
  - 5.3.4 Communication
  - 5.3.5 Others
- 5.4 Impact of COVID-19 in North America

# **6 EUROPE MARKET SEGMENTATION**

- 6.1 Region Segmentation (2017 to 2021f)
  - 6.1.1 Germany
  - 6.1.2 UK
  - 6.1.3 France
  - 6.1.4 Italy
  - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)
  - 6.2.1 Gallium Arsenide
  - 6.2.2 Copper Indium Selenium



- 6.2.3 Cadmium Telluride
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Electronics Industry
  - 6.3.2 Military
  - 6.3.3 Power Supply
  - 6.3.4 Communication
  - 6.3.5 Others
- 6.4 Impact of COVID-19 in Europe

#### 7 ASIA-PACIFIC MARKET SEGMENTATION

- 7.1 Region Segmentation (2017 to 2021f)
  - 7.1.1 China
  - 7.1.2 India
  - 7.1.3 Japan
  - 7.1.4 South Korea
  - 7.1.5 Southeast Asia
  - 7.1.6 Australia
  - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 Gallium Arsenide
  - 7.2.2 Copper Indium Selenium
  - 7.2.3 Cadmium Telluride
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Electronics Industry
  - 7.3.2 Military
  - 7.3.3 Power Supply
  - 7.3.4 Communication
  - **7.3.5 Others**
- 7.4 Impact of COVID-19 in Europe

# **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil
  - 8.1.2 Argentina
  - 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 Gallium Arsenide



- 8.2.2 Copper Indium Selenium
- 8.2.3 Cadmium Telluride
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Electronics Industry
  - 8.3.2 Military
  - 8.3.3 Power Supply
  - 8.3.4 Communication
  - 8.3.5 Others
- 8.4 Impact of COVID-19 in Europe

# 9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
  - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 Gallium Arsenide
  - 9.2.2 Copper Indium Selenium
  - 9.2.3 Cadmium Telluride
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Electronics Industry
  - 9.3.2 Military
  - 9.3.3 Power Supply
  - 9.3.4 Communication
  - 9.3.5 Others
- 9.4 Impact of COVID-19 in Europe

#### 10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
  - 10.1.1 NexPower Technology
  - 10.1.2 Sharp Solar Energy Solutions Group
  - 10.1.3 Solar Frontier K.K
  - 10.1.4 Trony Solar Holdings
  - 10.1.5 TSMC Solar Limited
  - 10.1.6 Astronergy
  - 10.1.7 AVANCIS GmbH



- 10.1.8 Eguana Technologies
- 10.1.9 First Solar
- 10.1.10 Hanergy Holding Group
- 10.1.11 MiaSole
- 10.1.12 Kaneka
- 10.1.13 Masdar PV GmbH
- 10.2 Thin Film Photovoltaic Cells Sales Date of Major Players (2017-2020e)
  - 10.2.1 NexPower Technology
  - 10.2.2 Sharp Solar Energy Solutions Group
  - 10.2.3 Solar Frontier K.K
  - 10.2.4 Trony Solar Holdings
  - 10.2.5 TSMC Solar Limited
  - 10.2.6 Astronergy
- 10.2.7 AVANCIS GmbH
- 10.2.8 Eguana Technologies
- 10.2.9 First Solar
- 10.2.10 Hanergy Holding Group
- 10.2.11 MiaSole
- 10.2.12 Kaneka
- 10.2.13 Masdar PV GmbH
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

#### 11 MARKET FORECAST

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
  - 11.3.1 Impact of COVID-19
  - 11.3.2 Geopolitics Overview
  - 11.3.3 Economic Overview of Major Countries

# 12 REPORT SUMMARY STATEMENT



# **List Of Tables**

#### LIST OF TABLES

- 1. Table Thin Film Photovoltaic Cells Product Type Overview
- 2. Table Thin Film Photovoltaic Cells Product Type Market Share List
- 3. Table Thin Film Photovoltaic Cells Product Type of Major Players
- 4. Table Brief Introduction of NexPower Technology
- 5. Table Brief Introduction of Sharp Solar Energy Solutions Group
- 6. Table Brief Introduction of Solar Frontier K.K.
- 7. Table Brief Introduction of Trony Solar Holdings
- 8. Table Brief Introduction of TSMC Solar Limited
- 9. Table Brief Introduction of Astronergy
- 10. Table Brief Introduction of AVANCIS GmbH
- 11. Table Brief Introduction of Eguana Technologies
- 12. Table Brief Introduction of First Solar
- 13. Table Brief Introduction of Hanergy Holding Group
- 14. Table Brief Introduction of MiaSole
- 15. Table Brief Introduction of Kaneka
- 16. Table Brief Introduction of Masdar PV GmbH
- 17. Table Products & Services of NexPower Technology
- 18. Table Products & Services of Sharp Solar Energy Solutions Group
- 19. Table Products & Services of Solar Frontier K.K.
- 20. Table Products & Services of Trony Solar Holdings
- 21. Table Products & Services of TSMC Solar Limited
- 22. Table Products & Services of Astronergy
- 23. Table Products & Services of AVANCIS GmbH
- 24. Table Products & Services of Eguana Technologies
- 25. Table Products & Services of First Solar
- 26. Table Products & Services of Hanergy Holding Group
- 27. Table Products & Services of MiaSole
- 28. Table Products & Services of Kaneka
- 29. Table Products & Services of Masdar PV GmbH
- 30. Table Market Distribution of Major Players
- 31. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
- 32. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
- 33. Table Global Thin Film Photovoltaic Cells Market Forecast (Million USD) by Region 2021f-2026f
- 34. Table Global Thin Film Photovoltaic Cells Market Forecast (Million USD) Share by Region 2021f-2026f



35. Table Global Thin Film Photovoltaic Cells Market Forecast (Million USD) by Demand 2021f-2026f

36. Table Global Thin Film Photovoltaic Cells Market Forecast (Million USD) Share by Demand 2021f-2026f



# **List Of Figures**

#### LIST OF FIGURES

- 1. Figure Global Thin Film Photovoltaic Cells Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
- 2. Figure Global Thin Film Photovoltaic Cells Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
- 3. Figure Global Thin Film Photovoltaic Cells Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
- 4. Figure Global Thin Film Photovoltaic Cells Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
- 5. Figure Global Thin Film Photovoltaic Cells Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 6. Figure Global Thin Film Photovoltaic Cells Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 7. Figure Global Thin Film Photovoltaic Cells Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
- 8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 10.Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 11.Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 13. Figure Gallium Arsenide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 14. Figure Copper Indium Selenium Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 15. Figure Cadmium Telluride Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 16. Figure Electronics Industry Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 17. Figure Military Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 18.Figure Power Supply Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 19. Figure Communication Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 20.Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 21.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 22. Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 23. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 24. Figure Gallium Arsenide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 25. Figure Copper Indium Selenium Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 26. Figure Cadmium Telluride Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 27. Figure Electronics Industry Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 28. Figure Military Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 29. Figure Power Supply Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 30. Figure Communication Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 31. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 32. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 33. Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 34. Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 35.Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 36.Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 37. Figure Gallium Arsenide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 38. Figure Copper Indium Selenium Segmentation Market Size (USD Million)



- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 39. Figure Cadmium Telluride Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 40. Figure Electronics Industry Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 41. Figure Military Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 42. Figure Power Supply Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 43. Figure Communication Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 44. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 45. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 46.Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 47. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 48. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 49. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 50. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 51. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 52. Figure Gallium Arsenide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 53. Figure Copper Indium Selenium Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 54. Figure Cadmium Telluride Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 55. Figure Electronics Industry Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 56. Figure Military Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 57. Figure Power Supply Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 58. Figure Communication Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure Gallium Arsenide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Copper Indium Selenium Segmentation Market Size (USD Million)
- 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Cadmium Telluride Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure Electronics Industry Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure Military Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure Power Supply Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Communication Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure Others Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 71.Figure GCC Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 72. Figure North Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 73. Figure South Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-20



# I would like to order

Product name: Thin Film Photovoltaic Cells Market Status and Trend Analysis 2017-2026 (COVID-19

Version)

Product link: <a href="https://marketpublishers.com/r/T03913794883EN.html">https://marketpublishers.com/r/T03913794883EN.html</a>

Price: US\$ 2,800.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/T03913794883EN.html">https://marketpublishers.com/r/T03913794883EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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



