

# Global Amorphous Silicon Photovoltaic Cell Market Growth 2023-2029

<https://marketpublishers.com/r/GE8DE8BDD0D6EN.html>

Date: March 2023

Pages: 96

Price: US\$ 3,660.00 (Single User License)

ID: GE8DE8BDD0D6EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The global Amorphous Silicon Photovoltaic Cell market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Amorphous Silicon Photovoltaic Cell is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Amorphous Silicon Photovoltaic Cell is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Amorphous Silicon Photovoltaic Cell is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Amorphous Silicon Photovoltaic Cell players cover Ascent Solar Technologies, Solar Frontier, Energy Conversion Devices, Hanergy, First Solar, Suntech Power Holdings, TSMC Solar, JA Solar Holdings and Global Solar Energy, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

LPI (LP Information)' newest research report, the "Amorphous Silicon Photovoltaic Cell Industry Forecast" looks at past sales and reviews total world Amorphous Silicon Photovoltaic Cell sales in 2022, providing a comprehensive analysis by region and market sector of projected Amorphous Silicon Photovoltaic Cell sales for 2023 through

2029. With Amorphous Silicon Photovoltaic Cell sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Amorphous Silicon Photovoltaic Cell industry.

This Insight Report provides a comprehensive analysis of the global Amorphous Silicon Photovoltaic Cell landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Amorphous Silicon Photovoltaic Cell portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Amorphous Silicon Photovoltaic Cell market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Amorphous Silicon Photovoltaic Cell and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Amorphous Silicon Photovoltaic Cell.

This report presents a comprehensive overview, market shares, and growth opportunities of Amorphous Silicon Photovoltaic Cell market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Nanostructured Solar Cells

Perovskite Solar Cells

Segmentation by application

Transportation

Aerospace

Others

This report also splits the market by region:

#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

#### Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Ascent Solar Technologies

Solar Frontier

Energy Conversion Devices

Hanergy

First Solar

Suntech Power Holdings

TSMC Solar

JA Solar Holdings

Global Solar Energy

Key Questions Addressed in this Report

What is the 10-year outlook for the global Amorphous Silicon Photovoltaic Cell market?

What factors are driving Amorphous Silicon Photovoltaic Cell market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Amorphous Silicon Photovoltaic Cell market opportunities vary by end market size?

How does Amorphous Silicon Photovoltaic Cell break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Amorphous Silicon Photovoltaic Cell Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Amorphous Silicon Photovoltaic Cell by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Amorphous Silicon Photovoltaic Cell by Country/Region, 2018, 2022 & 2029

#### 2.2 Amorphous Silicon Photovoltaic Cell Segment by Type

- 2.2.1 Nanostructured Solar Cells
- 2.2.2 Perovskite Solar Cells

#### 2.3 Amorphous Silicon Photovoltaic Cell Sales by Type

- 2.3.1 Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Type (2018-2023)
- 2.3.2 Global Amorphous Silicon Photovoltaic Cell Revenue and Market Share by Type (2018-2023)

- 2.3.3 Global Amorphous Silicon Photovoltaic Cell Sale Price by Type (2018-2023)

#### 2.4 Amorphous Silicon Photovoltaic Cell Segment by Application

- 2.4.1 Transportation
- 2.4.2 Aerospace
- 2.4.3 Others

#### 2.5 Amorphous Silicon Photovoltaic Cell Sales by Application

- 2.5.1 Global Amorphous Silicon Photovoltaic Cell Sale Market Share by Application (2018-2023)
- 2.5.2 Global Amorphous Silicon Photovoltaic Cell Revenue and Market Share by Application (2018-2023)

2.5.3 Global Amorphous Silicon Photovoltaic Cell Sale Price by Application  
(2018-2023)

### **3 GLOBAL AMORPHOUS SILICON PHOTOVOLTAIC CELL BY COMPANY**

3.1 Global Amorphous Silicon Photovoltaic Cell Breakdown Data by Company

3.1.1 Global Amorphous Silicon Photovoltaic Cell Annual Sales by Company  
(2018-2023)

3.1.2 Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Company  
(2018-2023)

3.2 Global Amorphous Silicon Photovoltaic Cell Annual Revenue by Company  
(2018-2023)

3.2.1 Global Amorphous Silicon Photovoltaic Cell Revenue by Company (2018-2023)

3.2.2 Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Company  
(2018-2023)

3.3 Global Amorphous Silicon Photovoltaic Cell Sale Price by Company

3.4 Key Manufacturers Amorphous Silicon Photovoltaic Cell Producing Area  
Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Amorphous Silicon Photovoltaic Cell Product Location  
Distribution

3.4.2 Players Amorphous Silicon Photovoltaic Cell Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR AMORPHOUS SILICON PHOTOVOLTAIC CELL BY GEOGRAPHIC REGION**

4.1 World Historic Amorphous Silicon Photovoltaic Cell Market Size by Geographic  
Region (2018-2023)

4.1.1 Global Amorphous Silicon Photovoltaic Cell Annual Sales by Geographic Region  
(2018-2023)

4.1.2 Global Amorphous Silicon Photovoltaic Cell Annual Revenue by Geographic  
Region (2018-2023)

4.2 World Historic Amorphous Silicon Photovoltaic Cell Market Size by Country/Region  
(2018-2023)

4.2.1 Global Amorphous Silicon Photovoltaic Cell Annual Sales by Country/Region

(2018-2023)

4.2.2 Global Amorphous Silicon Photovoltaic Cell Annual Revenue by Country/Region

(2018-2023)

4.3 Americas Amorphous Silicon Photovoltaic Cell Sales Growth

4.4 APAC Amorphous Silicon Photovoltaic Cell Sales Growth

4.5 Europe Amorphous Silicon Photovoltaic Cell Sales Growth

4.6 Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales Growth

## **5 AMERICAS**

5.1 Americas Amorphous Silicon Photovoltaic Cell Sales by Country

5.1.1 Americas Amorphous Silicon Photovoltaic Cell Sales by Country (2018-2023)

5.1.2 Americas Amorphous Silicon Photovoltaic Cell Revenue by Country (2018-2023)

5.2 Americas Amorphous Silicon Photovoltaic Cell Sales by Type

5.3 Americas Amorphous Silicon Photovoltaic Cell Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Amorphous Silicon Photovoltaic Cell Sales by Region

6.1.1 APAC Amorphous Silicon Photovoltaic Cell Sales by Region (2018-2023)

6.1.2 APAC Amorphous Silicon Photovoltaic Cell Revenue by Region (2018-2023)

6.2 APAC Amorphous Silicon Photovoltaic Cell Sales by Type

6.3 APAC Amorphous Silicon Photovoltaic Cell Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Amorphous Silicon Photovoltaic Cell by Country

7.1.1 Europe Amorphous Silicon Photovoltaic Cell Sales by Country (2018-2023)



- 7.1.2 Europe Amorphous Silicon Photovoltaic Cell Revenue by Country (2018-2023)
- 7.2 Europe Amorphous Silicon Photovoltaic Cell Sales by Type
- 7.3 Europe Amorphous Silicon Photovoltaic Cell Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Amorphous Silicon Photovoltaic Cell by Country
  - 8.1.1 Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales by Country (2018-2023)
  - 8.1.2 Middle East & Africa Amorphous Silicon Photovoltaic Cell Revenue by Country (2018-2023)
- 8.2 Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales by Type
- 8.3 Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Amorphous Silicon Photovoltaic Cell
- 10.3 Manufacturing Process Analysis of Amorphous Silicon Photovoltaic Cell
- 10.4 Industry Chain Structure of Amorphous Silicon Photovoltaic Cell

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Amorphous Silicon Photovoltaic Cell Distributors
- 11.3 Amorphous Silicon Photovoltaic Cell Customer

## **12 WORLD FORECAST REVIEW FOR AMORPHOUS SILICON PHOTOVOLTAIC CELL BY GEOGRAPHIC REGION**

- 12.1 Global Amorphous Silicon Photovoltaic Cell Market Size Forecast by Region
  - 12.1.1 Global Amorphous Silicon Photovoltaic Cell Forecast by Region (2024-2029)
  - 12.1.2 Global Amorphous Silicon Photovoltaic Cell Annual Revenue Forecast by Region (2024-2029)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Amorphous Silicon Photovoltaic Cell Forecast by Type
- 12.7 Global Amorphous Silicon Photovoltaic Cell Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

- 13.1 Ascent Solar Technologies
  - 13.1.1 Ascent Solar Technologies Company Information
  - 13.1.2 Ascent Solar Technologies Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
  - 13.1.3 Ascent Solar Technologies Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.1.4 Ascent Solar Technologies Main Business Overview
  - 13.1.5 Ascent Solar Technologies Latest Developments
- 13.2 Solar Frontier
  - 13.2.1 Solar Frontier Company Information
  - 13.2.2 Solar Frontier Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
  - 13.2.3 Solar Frontier Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.2.4 Solar Frontier Main Business Overview
  - 13.2.5 Solar Frontier Latest Developments
- 13.3 Energy Conversion Devices

- 13.3.1 Energy Conversion Devices Company Information
- 13.3.2 Energy Conversion Devices Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
- 13.3.3 Energy Conversion Devices Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.3.4 Energy Conversion Devices Main Business Overview
- 13.3.5 Energy Conversion Devices Latest Developments
- 13.4 Hanergy
  - 13.4.1 Hanergy Company Information
  - 13.4.2 Hanergy Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
  - 13.4.3 Hanergy Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.4.4 Hanergy Main Business Overview
  - 13.4.5 Hanergy Latest Developments
- 13.5 First Solar
  - 13.5.1 First Solar Company Information
  - 13.5.2 First Solar Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
  - 13.5.3 First Solar Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.5.4 First Solar Main Business Overview
  - 13.5.5 First Solar Latest Developments
- 13.6 Suntech Power Holdings
  - 13.6.1 Suntech Power Holdings Company Information
  - 13.6.2 Suntech Power Holdings Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
  - 13.6.3 Suntech Power Holdings Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.6.4 Suntech Power Holdings Main Business Overview
  - 13.6.5 Suntech Power Holdings Latest Developments
- 13.7 TSMC Solar
  - 13.7.1 TSMC Solar Company Information
  - 13.7.2 TSMC Solar Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications
  - 13.7.3 TSMC Solar Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)
  - 13.7.4 TSMC Solar Main Business Overview
  - 13.7.5 TSMC Solar Latest Developments

## 13.8 JA Solar Holdings

### 13.8.1 JA Solar Holdings Company Information

### 13.8.2 JA Solar Holdings Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

### 13.8.3 JA Solar Holdings Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.8.4 JA Solar Holdings Main Business Overview

### 13.8.5 JA Solar Holdings Latest Developments

## 13.9 Global Solar Energy

### 13.9.1 Global Solar Energy Company Information

### 13.9.2 Global Solar Energy Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

### 13.9.3 Global Solar Energy Amorphous Silicon Photovoltaic Cell Sales, Revenue, Price and Gross Margin (2018-2023)

### 13.9.4 Global Solar Energy Main Business Overview

### 13.9.5 Global Solar Energy Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Amorphous Silicon Photovoltaic Cell Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Amorphous Silicon Photovoltaic Cell Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Nanostructured Solar Cells

Table 4. Major Players of Perovskite Solar Cells

Table 5. Global Amorphous Silicon Photovoltaic Cell Sales by Type (2018-2023) & (K Units)

Table 6. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Type (2018-2023)

Table 7. Global Amorphous Silicon Photovoltaic Cell Revenue by Type (2018-2023) & (\$ million)

Table 8. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Type (2018-2023)

Table 9. Global Amorphous Silicon Photovoltaic Cell Sale Price by Type (2018-2023) & (US\$/Unit)

Table 10. Global Amorphous Silicon Photovoltaic Cell Sales by Application (2018-2023) & (K Units)

Table 11. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Application (2018-2023)

Table 12. Global Amorphous Silicon Photovoltaic Cell Revenue by Application (2018-2023)

Table 13. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Application (2018-2023)

Table 14. Global Amorphous Silicon Photovoltaic Cell Sale Price by Application (2018-2023) & (US\$/Unit)

Table 15. Global Amorphous Silicon Photovoltaic Cell Sales by Company (2018-2023) & (K Units)

Table 16. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Company (2018-2023)

Table 17. Global Amorphous Silicon Photovoltaic Cell Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Company (2018-2023)

Table 19. Global Amorphous Silicon Photovoltaic Cell Sale Price by Company

(2018-2023) & (US\$/Unit)

Table 20. Key Manufacturers Amorphous Silicon Photovoltaic Cell Producing Area Distribution and Sales Area

Table 21. Players Amorphous Silicon Photovoltaic Cell Products Offered

Table 22. Amorphous Silicon Photovoltaic Cell Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Amorphous Silicon Photovoltaic Cell Sales by Geographic Region (2018-2023) & (K Units)

Table 26. Global Amorphous Silicon Photovoltaic Cell Sales Market Share Geographic Region (2018-2023)

Table 27. Global Amorphous Silicon Photovoltaic Cell Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global Amorphous Silicon Photovoltaic Cell Sales by Country/Region (2018-2023) & (K Units)

Table 30. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Country/Region (2018-2023)

Table 31. Global Amorphous Silicon Photovoltaic Cell Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas Amorphous Silicon Photovoltaic Cell Sales by Country (2018-2023) & (K Units)

Table 34. Americas Amorphous Silicon Photovoltaic Cell Sales Market Share by Country (2018-2023)

Table 35. Americas Amorphous Silicon Photovoltaic Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country (2018-2023)

Table 37. Americas Amorphous Silicon Photovoltaic Cell Sales by Type (2018-2023) & (K Units)

Table 38. Americas Amorphous Silicon Photovoltaic Cell Sales by Application (2018-2023) & (K Units)

Table 39. APAC Amorphous Silicon Photovoltaic Cell Sales by Region (2018-2023) & (K Units)

Table 40. APAC Amorphous Silicon Photovoltaic Cell Sales Market Share by Region

(2018-2023)

Table 41. APAC Amorphous Silicon Photovoltaic Cell Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC Amorphous Silicon Photovoltaic Cell Revenue Market Share by Region (2018-2023)

Table 43. APAC Amorphous Silicon Photovoltaic Cell Sales by Type (2018-2023) & (K Units)

Table 44. APAC Amorphous Silicon Photovoltaic Cell Sales by Application (2018-2023) & (K Units)

Table 45. Europe Amorphous Silicon Photovoltaic Cell Sales by Country (2018-2023) & (K Units)

Table 46. Europe Amorphous Silicon Photovoltaic Cell Sales Market Share by Country (2018-2023)

Table 47. Europe Amorphous Silicon Photovoltaic Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country (2018-2023)

Table 49. Europe Amorphous Silicon Photovoltaic Cell Sales by Type (2018-2023) & (K Units)

Table 50. Europe Amorphous Silicon Photovoltaic Cell Sales by Application (2018-2023) & (K Units)

Table 51. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales by Country (2018-2023) & (K Units)

Table 52. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Amorphous Silicon Photovoltaic Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales by Type (2018-2023) & (K Units)

Table 56. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales by Application (2018-2023) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Amorphous Silicon Photovoltaic Cell

Table 58. Key Market Challenges & Risks of Amorphous Silicon Photovoltaic Cell

Table 59. Key Industry Trends of Amorphous Silicon Photovoltaic Cell

Table 60. Amorphous Silicon Photovoltaic Cell Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Amorphous Silicon Photovoltaic Cell Distributors List

Table 63. Amorphous Silicon Photovoltaic Cell Customer List

Table 64. Global Amorphous Silicon Photovoltaic Cell Sales Forecast by Region (2024-2029) & (K Units)

Table 65. Global Amorphous Silicon Photovoltaic Cell Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 66. Americas Amorphous Silicon Photovoltaic Cell Sales Forecast by Country (2024-2029) & (K Units)

Table 67. Americas Amorphous Silicon Photovoltaic Cell Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 68. APAC Amorphous Silicon Photovoltaic Cell Sales Forecast by Region (2024-2029) & (K Units)

Table 69. APAC Amorphous Silicon Photovoltaic Cell Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Europe Amorphous Silicon Photovoltaic Cell Sales Forecast by Country (2024-2029) & (K Units)

Table 71. Europe Amorphous Silicon Photovoltaic Cell Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales Forecast by Country (2024-2029) & (K Units)

Table 73. Middle East & Africa Amorphous Silicon Photovoltaic Cell Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Global Amorphous Silicon Photovoltaic Cell Sales Forecast by Type (2024-2029) & (K Units)

Table 75. Global Amorphous Silicon Photovoltaic Cell Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 76. Global Amorphous Silicon Photovoltaic Cell Sales Forecast by Application (2024-2029) & (K Units)

Table 77. Global Amorphous Silicon Photovoltaic Cell Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 78. Ascent Solar Technologies Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 79. Ascent Solar Technologies Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 80. Ascent Solar Technologies Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 81. Ascent Solar Technologies Main Business

Table 82. Ascent Solar Technologies Latest Developments

Table 83. Solar Frontier Basic Information, Amorphous Silicon Photovoltaic Cell



Manufacturing Base, Sales Area and Its Competitors

Table 84. Solar Frontier Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 85. Solar Frontier Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 86. Solar Frontier Main Business

Table 87. Solar Frontier Latest Developments

Table 88. Energy Conversion Devices Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 89. Energy Conversion Devices Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 90. Energy Conversion Devices Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 91. Energy Conversion Devices Main Business

Table 92. Energy Conversion Devices Latest Developments

Table 93. Hanergy Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 94. Hanergy Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 95. Hanergy Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 96. Hanergy Main Business

Table 97. Hanergy Latest Developments

Table 98. First Solar Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 99. First Solar Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 100. First Solar Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 101. First Solar Main Business

Table 102. First Solar Latest Developments

Table 103. Suntech Power Holdings Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 104. Suntech Power Holdings Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 105. Suntech Power Holdings Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 106. Suntech Power Holdings Main Business

Table 107. Suntech Power Holdings Latest Developments

Table 108. TSMC Solar Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 109. TSMC Solar Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 110. TSMC Solar Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 111. TSMC Solar Main Business

Table 112. TSMC Solar Latest Developments

Table 113. JA Solar Holdings Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 114. JA Solar Holdings Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 115. JA Solar Holdings Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 116. JA Solar Holdings Main Business

Table 117. JA Solar Holdings Latest Developments

Table 118. Global Solar Energy Basic Information, Amorphous Silicon Photovoltaic Cell Manufacturing Base, Sales Area and Its Competitors

Table 119. Global Solar Energy Amorphous Silicon Photovoltaic Cell Product Portfolios and Specifications

Table 120. Global Solar Energy Amorphous Silicon Photovoltaic Cell Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 121. Global Solar Energy Main Business

Table 122. Global Solar Energy Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Amorphous Silicon Photovoltaic Cell
- Figure 2. Amorphous Silicon Photovoltaic Cell Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Amorphous Silicon Photovoltaic Cell Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global Amorphous Silicon Photovoltaic Cell Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. Amorphous Silicon Photovoltaic Cell Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Nanostructured Solar Cells
- Figure 10. Product Picture of Perovskite Solar Cells
- Figure 11. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Type in 2022
- Figure 12. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Type (2018-2023)
- Figure 13. Amorphous Silicon Photovoltaic Cell Consumed in Transportation
- Figure 14. Global Amorphous Silicon Photovoltaic Cell Market: Transportation (2018-2023) & (K Units)
- Figure 15. Amorphous Silicon Photovoltaic Cell Consumed in Aerospace
- Figure 16. Global Amorphous Silicon Photovoltaic Cell Market: Aerospace (2018-2023) & (K Units)
- Figure 17. Amorphous Silicon Photovoltaic Cell Consumed in Others
- Figure 18. Global Amorphous Silicon Photovoltaic Cell Market: Others (2018-2023) & (K Units)
- Figure 19. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Application (2022)
- Figure 20. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Application in 2022
- Figure 21. Amorphous Silicon Photovoltaic Cell Sales Market by Company in 2022 (K Units)
- Figure 22. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Company in 2022
- Figure 23. Amorphous Silicon Photovoltaic Cell Revenue Market by Company in 2022

(\$ Million)

Figure 24. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Company in 2022

Figure 25. Global Amorphous Silicon Photovoltaic Cell Sales Market Share by Geographic Region (2018-2023)

Figure 26. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share by Geographic Region in 2022

Figure 27. Americas Amorphous Silicon Photovoltaic Cell Sales 2018-2023 (K Units)

Figure 28. Americas Amorphous Silicon Photovoltaic Cell Revenue 2018-2023 (\$ Millions)

Figure 29. APAC Amorphous Silicon Photovoltaic Cell Sales 2018-2023 (K Units)

Figure 30. APAC Amorphous Silicon Photovoltaic Cell Revenue 2018-2023 (\$ Millions)

Figure 31. Europe Amorphous Silicon Photovoltaic Cell Sales 2018-2023 (K Units)

Figure 32. Europe Amorphous Silicon Photovoltaic Cell Revenue 2018-2023 (\$ Millions)

Figure 33. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales 2018-2023 (K Units)

Figure 34. Middle East & Africa Amorphous Silicon Photovoltaic Cell Revenue 2018-2023 (\$ Millions)

Figure 35. Americas Amorphous Silicon Photovoltaic Cell Sales Market Share by Country in 2022

Figure 36. Americas Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country in 2022

Figure 37. Americas Amorphous Silicon Photovoltaic Cell Sales Market Share by Type (2018-2023)

Figure 38. Americas Amorphous Silicon Photovoltaic Cell Sales Market Share by Application (2018-2023)

Figure 39. United States Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 40. Canada Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Mexico Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Brazil Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 43. APAC Amorphous Silicon Photovoltaic Cell Sales Market Share by Region in 2022

Figure 44. APAC Amorphous Silicon Photovoltaic Cell Revenue Market Share by Regions in 2022

Figure 45. APAC Amorphous Silicon Photovoltaic Cell Sales Market Share by Type

(2018-2023)

Figure 46. APAC Amorphous Silicon Photovoltaic Cell Sales Market Share by Application (2018-2023)

Figure 47. China Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Japan Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 49. South Korea Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Southeast Asia Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 51. India Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Australia Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 53. China Taiwan Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Europe Amorphous Silicon Photovoltaic Cell Sales Market Share by Country in 2022

Figure 55. Europe Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country in 2022

Figure 56. Europe Amorphous Silicon Photovoltaic Cell Sales Market Share by Type (2018-2023)

Figure 57. Europe Amorphous Silicon Photovoltaic Cell Sales Market Share by Application (2018-2023)

Figure 58. Germany Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 59. France Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 60. UK Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Italy Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Russia Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales Market Share by Country in 2022

Figure 64. Middle East & Africa Amorphous Silicon Photovoltaic Cell Revenue Market Share by Country in 2022

Figure 65. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales Market Share by Type (2018-2023)

Figure 66. Middle East & Africa Amorphous Silicon Photovoltaic Cell Sales Market Share by Application (2018-2023)

Figure 67. Egypt Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 68. South Africa Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Israel Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Turkey Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 71. GCC Country Amorphous Silicon Photovoltaic Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Manufacturing Cost Structure Analysis of Amorphous Silicon Photovoltaic Cell in 2022

Figure 73. Manufacturing Process Analysis of Amorphous Silicon Photovoltaic Cell

Figure 74. Industry Chain Structure of Amorphous Silicon Photovoltaic Cell

Figure 75. Channels of Distribution

Figure 76. Global Amorphous Silicon Photovoltaic Cell Sales Market Forecast by Region (2024-2029)

Figure 77. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share Forecast by Region (2024-2029)

Figure 78. Global Amorphous Silicon Photovoltaic Cell Sales Market Share Forecast by Type (2024-2029)

Figure 79. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share Forecast by Type (2024-2029)

Figure 80. Global Amorphous Silicon Photovoltaic Cell Sales Market Share Forecast by Application (2024-2029)

Figure 81. Global Amorphous Silicon Photovoltaic Cell Revenue Market Share Forecast by Application (2024-2029)

## I would like to order

Product name: Global Amorphous Silicon Photovoltaic Cell Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/GE8DE8BDD0D6EN.html>

Price: US\$ 3,660.00 (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/GE8DE8BDD0D6EN.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