

# Global High Purity Sputtering Target for Solar Cell Market Growth 2023-2029

https://marketpublishers.com/r/GCD07214BF2AEN.html

Date: March 2023 Pages: 104 Price: US\$ 3,660.00 (Single User License) ID: GCD07214BF2AEN

# **Abstracts**

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

LPI (LP Information)' newest research report, the "High Purity Sputtering Target for Solar Cell Industry Forecast" looks at past sales and reviews total world High Purity Sputtering Target for Solar Cell sales in 2022, providing a comprehensive analysis by region and market sector of projected High Purity Sputtering Target for Solar Cell sales for 2023 through 2029. With High Purity Sputtering Target for Solar Cell sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world High Purity Sputtering Target for Solar Cell industry.

This Insight Report provides a comprehensive analysis of the global High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High Purity Sputtering Target for Solar Cell market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell.



The global High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell players cover Praxair (Linde), Mitsui Mining & Smelting, JX Nippon Mining & Metals Corporation, Materion, Honeywell, Ningbo Jiangfeng, TOSOH, Hitachi Metals and Fujian Acetron New Materials Co., Ltd, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of High Purity Sputtering Target for Solar Cell market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Metal Sputtering Target Material

Non-metal Sputtering Target Material

Alloy Sputtering Target Material

Segmentation by application



#### CdTe Thin Film Solar Cell

CIS/CIGS Thin-film Solar Cell

a-Si Thin-film Solar Cell

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.

Praxair (Linde)

Mitsui Mining & Smelting

JX Nippon Mining & Metals Corporation

Materion

Honeywell

Ningbo Jiangfeng

TOSOH

Hitachi Metals



Fujian Acetron New Materials Co., Ltd

Luoyang Sifon Electronic Materials

Changzhou Sujing Electronic Material

Umicore Thin Film Products

Key Questions Addressed in this Report

What is the 10-year outlook for the global High Purity Sputtering Target for Solar Cell market?

What factors are driving High Purity Sputtering Target for Solar Cell market growth, globally and by region?

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

How do High Purity Sputtering Target for Solar Cell market opportunities vary by end market size?

How does High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for High Purity Sputtering Target for Solar Cell by Geographic Region, 2018, 2022 & 2029

2.1.3 World Current & Future Analysis for High Purity Sputtering Target for Solar Cell by Country/Region, 2018, 2022 & 2029

2.2 High Purity Sputtering Target for Solar Cell Segment by Type

- 2.2.1 Metal Sputtering Target Material
- 2.2.2 Non-metal Sputtering Target Material
- 2.2.3 Alloy Sputtering Target Material

2.3 High Purity Sputtering Target for Solar Cell Sales by Type

2.3.1 Global High Purity Sputtering Target for Solar Cell Sales Market Share by Type (2018-2023)

2.3.2 Global High Purity Sputtering Target for Solar Cell Revenue and Market Share by Type (2018-2023)

2.3.3 Global High Purity Sputtering Target for Solar Cell Sale Price by Type (2018-2023)

2.4 High Purity Sputtering Target for Solar Cell Segment by Application

2.4.1 CdTe Thin Film Solar Cell

2.4.2 CIS/CIGS Thin-film Solar Cell

- 2.4.3 a-Si Thin-film Solar Cell
- 2.5 High Purity Sputtering Target for Solar Cell Sales by Application

2.5.1 Global High Purity Sputtering Target for Solar Cell Sale Market Share by Application (2018-2023)



(2018 - 2023)

2.5.2 Global High Purity Sputtering Target for Solar Cell Revenue and Market Share by Application (2018-2023)

2.5.3 Global High Purity Sputtering Target for Solar Cell Sale Price by Application (2018-2023)

# 3 GLOBAL HIGH PURITY SPUTTERING TARGET FOR SOLAR CELL BY COMPANY

3.1 Global High Purity Sputtering Target for Solar Cell Breakdown Data by Company3.1.1 Global High Purity Sputtering Target for Solar Cell Annual Sales by Company

3.1.2 Global High Purity Sputtering Target for Solar Cell Sales Market Share by Company (2018-2023)

3.2 Global High Purity Sputtering Target for Solar Cell Annual Revenue by Company (2018-2023)

3.2.1 Global High Purity Sputtering Target for Solar Cell Revenue by Company (2018-2023)

3.2.2 Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Company (2018-2023)

3.3 Global High Purity Sputtering Target for Solar Cell Sale Price by Company

3.4 Key Manufacturers High Purity Sputtering Target for Solar Cell Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers High Purity Sputtering Target for Solar Cell Product Location Distribution

3.4.2 Players High Purity Sputtering Target for Solar 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 HIGH PURITY SPUTTERING TARGET FOR SOLAR CELL BY GEOGRAPHIC REGION

4.1 World Historic High Purity Sputtering Target for Solar Cell Market Size by Geographic Region (2018-2023)

4.1.1 Global High Purity Sputtering Target for Solar Cell Annual Sales by Geographic Region (2018-2023)

4.1.2 Global High Purity Sputtering Target for Solar Cell Annual Revenue by



Geographic Region (2018-2023)

4.2 World Historic High Purity Sputtering Target for Solar Cell Market Size by Country/Region (2018-2023)

4.2.1 Global High Purity Sputtering Target for Solar Cell Annual Sales by Country/Region (2018-2023)

4.2.2 Global High Purity Sputtering Target for Solar Cell Annual Revenue by Country/Region (2018-2023)

4.3 Americas High Purity Sputtering Target for Solar Cell Sales Growth

4.4 APAC High Purity Sputtering Target for Solar Cell Sales Growth

4.5 Europe High Purity Sputtering Target for Solar Cell Sales Growth

4.6 Middle East & Africa High Purity Sputtering Target for Solar Cell Sales Growth

# **5 AMERICAS**

5.1 Americas High Purity Sputtering Target for Solar Cell Sales by Country

5.1.1 Americas High Purity Sputtering Target for Solar Cell Sales by Country (2018-2023)

5.1.2 Americas High Purity Sputtering Target for Solar Cell Revenue by Country (2018-2023)

5.2 Americas High Purity Sputtering Target for Solar Cell Sales by Type

5.3 Americas High Purity Sputtering Target for Solar Cell Sales by Application

- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

# 6 APAC

6.1 APAC High Purity Sputtering Target for Solar Cell Sales by Region

6.1.1 APAC High Purity Sputtering Target for Solar Cell Sales by Region (2018-2023)

- 6.1.2 APAC High Purity Sputtering Target for Solar Cell Revenue by Region (2018-2023)
- 6.2 APAC High Purity Sputtering Target for Solar Cell Sales by Type
- 6.3 APAC High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell by Country

7.1.1 Europe High Purity Sputtering Target for Solar Cell Sales by Country (2018-2023)

7.1.2 Europe High Purity Sputtering Target for Solar Cell Revenue by Country (2018-2023)

7.2 Europe High Purity Sputtering Target for Solar Cell Sales by Type

7.3 Europe High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell by Country

8.1.1 Middle East & Africa High Purity Sputtering Target for Solar Cell Sales by Country (2018-2023)

8.1.2 Middle East & Africa High Purity Sputtering Target for Solar Cell Revenue by Country (2018-2023)

8.2 Middle East & Africa High Purity Sputtering Target for Solar Cell Sales by Type

8.3 Middle East & Africa High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell

10.3 Manufacturing Process Analysis of High Purity Sputtering Target for Solar Cell

10.4 Industry Chain Structure of High Purity Sputtering Target for Solar Cell

#### 11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

- 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 High Purity Sputtering Target for Solar Cell Distributors
- 11.3 High Purity Sputtering Target for Solar Cell Customer

# 12 WORLD FORECAST REVIEW FOR HIGH PURITY SPUTTERING TARGET FOR SOLAR CELL BY GEOGRAPHIC REGION

12.1 Global High Purity Sputtering Target for Solar Cell Market Size Forecast by Region

12.1.1 Global High Purity Sputtering Target for Solar Cell Forecast by Region (2024-2029)

12.1.2 Global High Purity Sputtering Target for Solar 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 High Purity Sputtering Target for Solar Cell Forecast by Type
- 12.7 Global High Purity Sputtering Target for Solar Cell Forecast by Application

#### **13 KEY PLAYERS ANALYSIS**

13.1 Praxair (Linde)

13.1.1 Praxair (Linde) Company Information

13.1.2 Praxair (Linde) High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.1.3 Praxair (Linde) High Purity Sputtering Target for Solar Cell Sales, Revenue,



Price and Gross Margin (2018-2023)

13.1.4 Praxair (Linde) Main Business Overview

13.1.5 Praxair (Linde) Latest Developments

13.2 Mitsui Mining & Smelting

13.2.1 Mitsui Mining & Smelting Company Information

13.2.2 Mitsui Mining & Smelting High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.2.3 Mitsui Mining & Smelting High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 Mitsui Mining & Smelting Main Business Overview

13.2.5 Mitsui Mining & Smelting Latest Developments

13.3 JX Nippon Mining & Metals Corporation

13.3.1 JX Nippon Mining & Metals Corporation Company Information

13.3.2 JX Nippon Mining & Metals Corporation High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.3.3 JX Nippon Mining & Metals Corporation High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 JX Nippon Mining & Metals Corporation Main Business Overview

13.3.5 JX Nippon Mining & Metals Corporation Latest Developments

13.4 Materion

13.4.1 Materion Company Information

13.4.2 Materion High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.4.3 Materion High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 Materion Main Business Overview

13.4.5 Materion Latest Developments

13.5 Honeywell

13.5.1 Honeywell Company Information

13.5.2 Honeywell High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.5.3 Honeywell High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Honeywell Main Business Overview

13.5.5 Honeywell Latest Developments

13.6 Ningbo Jiangfeng

13.6.1 Ningbo Jiangfeng Company Information

13.6.2 Ningbo Jiangfeng High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications



13.6.3 Ningbo Jiangfeng High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Ningbo Jiangfeng Main Business Overview

13.6.5 Ningbo Jiangfeng Latest Developments

13.7 TOSOH

13.7.1 TOSOH Company Information

13.7.2 TOSOH High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.7.3 TOSOH High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.7.4 TOSOH Main Business Overview

13.7.5 TOSOH Latest Developments

13.8 Hitachi Metals

13.8.1 Hitachi Metals Company Information

13.8.2 Hitachi Metals High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.8.3 Hitachi Metals High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.8.4 Hitachi Metals Main Business Overview

13.8.5 Hitachi Metals Latest Developments

13.9 Fujian Acetron New Materials Co., Ltd

13.9.1 Fujian Acetron New Materials Co., Ltd Company Information

13.9.2 Fujian Acetron New Materials Co., Ltd High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.9.3 Fujian Acetron New Materials Co., Ltd High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.9.4 Fujian Acetron New Materials Co., Ltd Main Business Overview

13.9.5 Fujian Acetron New Materials Co., Ltd Latest Developments

13.10 Luoyang Sifon Electronic Materials

13.10.1 Luoyang Sifon Electronic Materials Company Information

13.10.2 Luoyang Sifon Electronic Materials High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.10.3 Luoyang Sifon Electronic Materials High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.10.4 Luoyang Sifon Electronic Materials Main Business Overview

13.10.5 Luoyang Sifon Electronic Materials Latest Developments

13.11 Changzhou Sujing Electronic Material

13.11.1 Changzhou Sujing Electronic Material Company Information

13.11.2 Changzhou Sujing Electronic Material High Purity Sputtering Target for Solar



Cell Product Portfolios and Specifications

13.11.3 Changzhou Sujing Electronic Material High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.11.4 Changzhou Sujing Electronic Material Main Business Overview

13.11.5 Changzhou Sujing Electronic Material Latest Developments

13.12 Umicore Thin Film Products

13.12.1 Umicore Thin Film Products Company Information

13.12.2 Umicore Thin Film Products High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

13.12.3 Umicore Thin Film Products High Purity Sputtering Target for Solar Cell Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Umicore Thin Film Products Main Business Overview

13.12.5 Umicore Thin Film Products Latest Developments

#### 14 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table 1. High Purity Sputtering Target for Solar Cell Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions) Table 2. High Purity Sputtering Target for Solar Cell Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions) Table 3. Major Players of Metal Sputtering Target Material Table 4. Major Players of Non-metal Sputtering Target Material Table 5. Major Players of Alloy Sputtering Target Material Table 6. Global High Purity Sputtering Target for Solar Cell Sales by Type (2018-2023) & (Tons) Table 7. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Type (2018-2023) Table 8. Global High Purity Sputtering Target for Solar Cell Revenue by Type (2018-2023) & (\$ million) Table 9. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Type (2018-2023) Table 10. Global High Purity Sputtering Target for Solar Cell Sale Price by Type (2018-2023) & (US\$/Ton) Table 11. Global High Purity Sputtering Target for Solar Cell Sales by Application (2018-2023) & (Tons) Table 12. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Application (2018-2023) Table 13. Global High Purity Sputtering Target for Solar Cell Revenue by Application (2018 - 2023)Table 14. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Application (2018-2023) Table 15. Global High Purity Sputtering Target for Solar Cell Sale Price by Application (2018-2023) & (US\$/Ton) Table 16. Global High Purity Sputtering Target for Solar Cell Sales by Company (2018-2023) & (Tons) Table 17. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Company (2018-2023) Table 18. Global High Purity Sputtering Target for Solar Cell Revenue by Company (2018-2023) (\$ Millions) Table 19. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by

Company (2018-2023)



Table 20. Global High Purity Sputtering Target for Solar Cell Sale Price by Company (2018-2023) & (US\$/Ton)

Table 21. Key Manufacturers High Purity Sputtering Target for Solar Cell Producing Area Distribution and Sales Area

 Table 22. Players High Purity Sputtering Target for Solar Cell Products Offered

Table 23. High Purity Sputtering Target for Solar Cell Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global High Purity Sputtering Target for Solar Cell Sales by Geographic Region (2018-2023) & (Tons)

Table 27. Global High Purity Sputtering Target for Solar Cell Sales Market ShareGeographic Region (2018-2023)

Table 28. Global High Purity Sputtering Target for Solar Cell Revenue by GeographicRegion (2018-2023) & (\$ millions)

Table 29. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Geographic Region (2018-2023)

Table 30. Global High Purity Sputtering Target for Solar Cell Sales by Country/Region (2018-2023) & (Tons)

Table 31. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Country/Region (2018-2023)

Table 32. Global High Purity Sputtering Target for Solar Cell Revenue by Country/Region (2018-2023) & (\$ millions)

Table 33. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Country/Region (2018-2023)

Table 34. Americas High Purity Sputtering Target for Solar Cell Sales by Country (2018-2023) & (Tons)

Table 35. Americas High Purity Sputtering Target for Solar Cell Sales Market Share by Country (2018-2023)

Table 36. Americas High Purity Sputtering Target for Solar Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 37. Americas High Purity Sputtering Target for Solar Cell Revenue Market Share by Country (2018-2023)

Table 38. Americas High Purity Sputtering Target for Solar Cell Sales by Type (2018-2023) & (Tons)

Table 39. Americas High Purity Sputtering Target for Solar Cell Sales by Application (2018-2023) & (Tons)

Table 40. APAC High Purity Sputtering Target for Solar Cell Sales by Region (2018-2023) & (Tons)



Table 41. APAC High Purity Sputtering Target for Solar Cell Sales Market Share by Region (2018-2023)

Table 42. APAC High Purity Sputtering Target for Solar Cell Revenue by Region (2018-2023) & (\$ Millions)

Table 43. APAC High Purity Sputtering Target for Solar Cell Revenue Market Share by Region (2018-2023)

Table 44. APAC High Purity Sputtering Target for Solar Cell Sales by Type (2018-2023) & (Tons)

Table 45. APAC High Purity Sputtering Target for Solar Cell Sales by Application (2018-2023) & (Tons)

Table 46. Europe High Purity Sputtering Target for Solar Cell Sales by Country (2018-2023) & (Tons)

Table 47. Europe High Purity Sputtering Target for Solar Cell Sales Market Share by Country (2018-2023)

Table 48. Europe High Purity Sputtering Target for Solar Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 49. Europe High Purity Sputtering Target for Solar Cell Revenue Market Share by Country (2018-2023)

Table 50. Europe High Purity Sputtering Target for Solar Cell Sales by Type (2018-2023) & (Tons)

Table 51. Europe High Purity Sputtering Target for Solar Cell Sales by Application (2018-2023) & (Tons)

Table 52. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales by Country (2018-2023) & (Tons)

Table 53. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales Market Share by Country (2018-2023)

Table 54. Middle East & Africa High Purity Sputtering Target for Solar Cell Revenue by Country (2018-2023) & (\$ Millions)

Table 55. Middle East & Africa High Purity Sputtering Target for Solar Cell Revenue Market Share by Country (2018-2023)

Table 56. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales by Type (2018-2023) & (Tons)

Table 57. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales by Application (2018-2023) & (Tons)

Table 58. Key Market Drivers & Growth Opportunities of High Purity Sputtering Target for Solar Cell

Table 59. Key Market Challenges & Risks of High Purity Sputtering Target for Solar Cell Table 60. Key Industry Trends of High Purity Sputtering Target for Solar Cell Table 61. High Purity Sputtering Target for Solar Cell Raw Material



Table 62. Key Suppliers of Raw Materials Table 63. High Purity Sputtering Target for Solar Cell Distributors List Table 64. High Purity Sputtering Target for Solar Cell Customer List Table 65. Global High Purity Sputtering Target for Solar Cell Sales Forecast by Region (2024-2029) & (Tons) Table 66. Global High Purity Sputtering Target for Solar Cell Revenue Forecast by Region (2024-2029) & (\$ millions) Table 67. Americas High Purity Sputtering Target for Solar Cell Sales Forecast by Country (2024-2029) & (Tons) Table 68. Americas High Purity Sputtering Target for Solar Cell Revenue Forecast by Country (2024-2029) & (\$ millions) Table 69. APAC High Purity Sputtering Target for Solar Cell Sales Forecast by Region (2024-2029) & (Tons) Table 70. APAC High Purity Sputtering Target for Solar Cell Revenue Forecast by Region (2024-2029) & (\$ millions) Table 71. Europe High Purity Sputtering Target for Solar Cell Sales Forecast by Country (2024-2029) & (Tons) Table 72. Europe High Purity Sputtering Target for Solar Cell Revenue Forecast by Country (2024-2029) & (\$ millions) Table 73. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales Forecast by Country (2024-2029) & (Tons) Table 74. Middle East & Africa High Purity Sputtering Target for Solar Cell Revenue Forecast by Country (2024-2029) & (\$ millions) Table 75. Global High Purity Sputtering Target for Solar Cell Sales Forecast by Type (2024-2029) & (Tons) Table 76. Global High Purity Sputtering Target for Solar Cell Revenue Forecast by Type (2024-2029) & (\$ Millions) Table 77. Global High Purity Sputtering Target for Solar Cell Sales Forecast by Application (2024-2029) & (Tons) Table 78. Global High Purity Sputtering Target for Solar Cell Revenue Forecast by Application (2024-2029) & (\$ Millions) Table 79. Praxair (Linde) Basic Information, High Purity Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 80. Praxair (Linde) High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 81. Praxair (Linde) High Purity Sputtering Target for Solar Cell Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 82. Praxair (Linde) Main Business

 Table 83. Praxair (Linde) Latest Developments



Table 84. Mitsui Mining & Smelting Basic Information, High Purity Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 85. Mitsui Mining & Smelting High Purity Sputtering Target for Solar Cell ProductPortfolios and Specifications

Table 86. Mitsui Mining & Smelting High Purity Sputtering Target for Solar Cell Sales(Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 87. Mitsui Mining & Smelting Main Business

Table 88. Mitsui Mining & Smelting Latest Developments

Table 89. JX Nippon Mining & Metals Corporation Basic Information, High Purity Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors Table 90. JX Nippon Mining & Metals Corporation High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 91. JX Nippon Mining & Metals Corporation High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 92. JX Nippon Mining & Metals Corporation Main Business

 Table 93. JX Nippon Mining & Metals Corporation Latest Developments

Table 94. Materion Basic Information, High Purity Sputtering Target for Solar CellManufacturing Base, Sales Area and Its Competitors

Table 95. Materion High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 96. Materion High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 97. Materion Main Business

Table 98. Materion Latest Developments

Table 99. Honeywell Basic Information, High Purity Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 100. Honeywell High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 101. Honeywell High Purity Sputtering Target for Solar Cell Sales (Tons),

Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 102. Honeywell Main Business

Table 103. Honeywell Latest Developments

Table 104. Ningbo Jiangfeng Basic Information, High Purity Sputtering Target for SolarCell Manufacturing Base, Sales Area and Its Competitors

Table 105. Ningbo Jiangfeng High Purity Sputtering Target for Solar Cell ProductPortfolios and Specifications

Table 106. Ningbo Jiangfeng High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)





Table 107. Ningbo Jiangfeng Main Business

Table 108. Ningbo Jiangfeng Latest Developments

Table 109. TOSOH Basic Information, High Purity Sputtering Target for Solar CellManufacturing Base, Sales Area and Its Competitors

Table 110. TOSOH High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 111. TOSOH High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 112. TOSOH Main Business

Table 113. TOSOH Latest Developments

Table 114. Hitachi Metals Basic Information, High Purity Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 115. Hitachi Metals High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 116. Hitachi Metals High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 117. Hitachi Metals Main Business

Table 118. Hitachi Metals Latest Developments

Table 119. Fujian Acetron New Materials Co., Ltd Basic Information, High Purity

Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 120. Fujian Acetron New Materials Co., Ltd High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 121. Fujian Acetron New Materials Co., Ltd High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 122. Fujian Acetron New Materials Co., Ltd Main Business

Table 123. Fujian Acetron New Materials Co., Ltd Latest Developments

Table 124. Luoyang Sifon Electronic Materials Basic Information, High Purity SputteringTarget for Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 125. Luoyang Sifon Electronic Materials High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 126. Luoyang Sifon Electronic Materials High Purity Sputtering Target for Solar Cell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023) Table 127. Luoyang Sifon Electronic Materials Main Business

Table 128. Luoyang Sifon Electronic Materials Latest Developments

Table 129. Changzhou Sujing Electronic Material Basic Information, High Purity Sputtering Target for Solar Cell Manufacturing Base, Sales Area and Its Competitors Table 130. Changzhou Sujing Electronic Material High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications



Table 131. Changzhou Sujing Electronic Material High Purity Sputtering Target for SolarCell Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 132. Changzhou Sujing Electronic Material Main Business

Table 133. Changzhou Sujing Electronic Material Latest Developments

Table 134. Umicore Thin Film Products Basic Information, High Purity Sputtering Targetfor Solar Cell Manufacturing Base, Sales Area and Its Competitors

Table 135. Umicore Thin Film Products High Purity Sputtering Target for Solar Cell Product Portfolios and Specifications

Table 136. Umicore Thin Film Products High Purity Sputtering Target for Solar Cell

Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 137. Umicore Thin Film Products Main Business

 Table 138. Umicore Thin Film Products Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Picture of High Purity Sputtering Target for Solar Cell

Figure 2. High Purity Sputtering Target for Solar Cell Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global High Purity Sputtering Target for Solar Cell Sales Growth Rate 2018-2029 (Tons)

Figure 7. Global High Purity Sputtering Target for Solar Cell Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. High Purity Sputtering Target for Solar Cell Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of Metal Sputtering Target Material

Figure 10. Product Picture of Non-metal Sputtering Target Material

Figure 11. Product Picture of Alloy Sputtering Target Material

Figure 12. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Type in 2022

Figure 13. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Type (2018-2023)

Figure 14. High Purity Sputtering Target for Solar Cell Consumed in CdTe Thin Film Solar Cell

Figure 15. Global High Purity Sputtering Target for Solar Cell Market: CdTe Thin Film Solar Cell (2018-2023) & (Tons)

Figure 16. High Purity Sputtering Target for Solar Cell Consumed in CIS/CIGS Thin-film Solar Cell

Figure 17. Global High Purity Sputtering Target for Solar Cell Market: CIS/CIGS Thinfilm Solar Cell (2018-2023) & (Tons)

Figure 18. High Purity Sputtering Target for Solar Cell Consumed in a-Si Thin-film Solar Cell

Figure 19. Global High Purity Sputtering Target for Solar Cell Market: a-Si Thin-film Solar Cell (2018-2023) & (Tons)

Figure 20. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Application (2022)

Figure 21. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Application in 2022

Figure 22. High Purity Sputtering Target for Solar Cell Sales Market by Company in



2022 (Tons)

Figure 23. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Company in 2022

Figure 24. High Purity Sputtering Target for Solar Cell Revenue Market by Company in 2022 (\$ Million)

Figure 25. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Company in 2022

Figure 26. Global High Purity Sputtering Target for Solar Cell Sales Market Share by Geographic Region (2018-2023)

Figure 27. Global High Purity Sputtering Target for Solar Cell Revenue Market Share by Geographic Region in 2022

Figure 28. Americas High Purity Sputtering Target for Solar Cell Sales 2018-2023 (Tons)

Figure 29. Americas High Purity Sputtering Target for Solar Cell Revenue 2018-2023 (\$ Millions)

Figure 30. APAC High Purity Sputtering Target for Solar Cell Sales 2018-2023 (Tons)

Figure 31. APAC High Purity Sputtering Target for Solar Cell Revenue 2018-2023 (\$ Millions)

Figure 32. Europe High Purity Sputtering Target for Solar Cell Sales 2018-2023 (Tons)

Figure 33. Europe High Purity Sputtering Target for Solar Cell Revenue 2018-2023 (\$ Millions)

Figure 34. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales 2018-2023 (Tons)

Figure 35. Middle East & Africa High Purity Sputtering Target for Solar Cell Revenue 2018-2023 (\$ Millions)

Figure 36. Americas High Purity Sputtering Target for Solar Cell Sales Market Share by Country in 2022

Figure 37. Americas High Purity Sputtering Target for Solar Cell Revenue Market Share by Country in 2022

Figure 38. Americas High Purity Sputtering Target for Solar Cell Sales Market Share by Type (2018-2023)

Figure 39. Americas High Purity Sputtering Target for Solar Cell Sales Market Share by Application (2018-2023)

Figure 40. United States High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Canada High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Mexico High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)



Figure 43. Brazil High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 44. APAC High Purity Sputtering Target for Solar Cell Sales Market Share by Region in 2022

Figure 45. APAC High Purity Sputtering Target for Solar Cell Revenue Market Share by Regions in 2022

Figure 46. APAC High Purity Sputtering Target for Solar Cell Sales Market Share by Type (2018-2023)

Figure 47. APAC High Purity Sputtering Target for Solar Cell Sales Market Share by Application (2018-2023)

Figure 48. China High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 49. Japan High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 50. South Korea High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 51. Southeast Asia High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 52. India High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 53. Australia High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 54. China Taiwan High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 55. Europe High Purity Sputtering Target for Solar Cell Sales Market Share by Country in 2022

Figure 56. Europe High Purity Sputtering Target for Solar Cell Revenue Market Share by Country in 2022

Figure 57. Europe High Purity Sputtering Target for Solar Cell Sales Market Share by Type (2018-2023)

Figure 58. Europe High Purity Sputtering Target for Solar Cell Sales Market Share by Application (2018-2023)

Figure 59. Germany High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 60. France High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 61. UK High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Italy High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023



(\$ Millions)

Figure 63. Russia High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 64. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales Market Share by Country in 2022

Figure 65. Middle East & Africa High Purity Sputtering Target for Solar Cell Revenue Market Share by Country in 2022

Figure 66. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales Market Share by Type (2018-2023)

Figure 67. Middle East & Africa High Purity Sputtering Target for Solar Cell Sales Market Share by Application (2018-2023)

Figure 68. Egypt High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 69. South Africa High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Israel High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 71. Turkey High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 72. GCC Country High Purity Sputtering Target for Solar Cell Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Manufacturing Cost Structure Analysis of High Purity Sputtering Target for Solar Cell in 2022

Figure 74. Manufacturing Process Analysis of High Purity Sputtering Target for Solar Cell

Figure 75. Industry Chain Structure of High Purity Sputtering Target for Solar Cell

Figure 76. Channels of Distribution

Figure 77. Global High Purity Sputtering Target for Solar Cell Sales Market Forecast by Region (2024-2029)

Figure 78. Global High Purity Sputtering Target for Solar Cell Revenue Market Share Forecast by Region (2024-2029)

Figure 79. Global High Purity Sputtering Target for Solar Cell Sales Market Share Forecast by Type (2024-2029)

Figure 80. Global High Purity Sputtering Target for Solar Cell Revenue Market Share Forecast by Type (2024-2029)

Figure 81. Global High Purity Sputtering Target for Solar Cell Sales Market Share Forecast by Application (2024-2029)

Figure 82. Global High Purity Sputtering Target for Solar Cell Revenue Market Share Forecast by Application (2024-2029)



#### I would like to order

Product name: Global High Purity Sputtering Target for Solar Cell Market Growth 2023-2029 Product link: <u>https://marketpublishers.com/r/GCD07214BF2AEN.html</u>

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: <u>info@marketpublishers.com</u>

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/GCD07214BF2AEN.html</u>

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

Custumer signature \_\_\_\_\_

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

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