

# Global Sputtering Target for Solar Battery Market Research Report 2023

https://marketpublishers.com/r/G24D76B7B304EN.html

Date: October 2023

Pages: 100

Price: US\$ 2,900.00 (Single User License)

ID: G24D76B7B304EN

# **Abstracts**

This report aims to provide a comprehensive presentation of the global market for Sputtering Target for Solar Battery, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Sputtering Target for Solar Battery.

The Sputtering Target for Solar Battery market size, estimations, and forecasts are provided in terms of output/shipments (Ton) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Sputtering Target for Solar Battery market comprehensively. Regional market sizes, concerning products by type, by application and by players, are also provided.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Sputtering Target for Solar Battery manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, by type, by application, and by regions.

By Company

Saint-Gobain



#### Hitachi Metals Ltd

Mitsubishi Materials Corporation

Advanced Nano Products Co Ltd

Umicore

**Tosoh Specialty Metals Division** 

Moltun International

ThinTech Materials Technology Co., Ltd.

Admat Inc

ULVAC Technologies, Inc.

Soleras Advanced Coatings

Nanografi Nano Technology

Solar Applied Materials Technology Co., Ltd.

Kobelco Research Institute Inc

**UV Tech Material Ltd** 

# Segment by Type

**Aluminum Target** 

Copper Target

Molybdenum Target

**Chrome Target** 



AZO Ta	rget	
Others		
Segment by Ap	plication	
Photovo	oltaic	
Others		
Production by F	Region	
1 Toddollori by 1	togion	
North A	merica	
Europe		
China		
Japan		
Consumption by Region		
North A	North America	
1	U.S.	
•	Canada	
Europe		
(	Germany	
I	France	
I	U.K.	



Italy			
Russ	sia		
Asia-Pacific			
Chin	a		
Japa	n		
Sout	h Korea		
Chin	a Taiwan		
Sout	heast Asia		
India			
Latin Americ	a		
Mexi	со		
Braz	il		

# **Core Chapters**

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by region, by type, by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Detailed analysis of Sputtering Target for Solar Battery manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 3: Production/output, value of Sputtering Target for Solar Battery by region/country. It provides a quantitative analysis of the market size and development



potential of each region in the next six years.

Chapter 4: Consumption of Sputtering Target for Solar Battery in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 5: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key players, introducing the basic situation of the key companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 8: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 9: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 10: The main points and conclusions of the report.



# **Contents**

#### 1 SPUTTERING TARGET FOR SOLAR BATTERY MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Sputtering Target for Solar Battery Segment by Type
- 1.2.1 Global Sputtering Target for Solar Battery Market Value Growth Rate Analysis by Type 2022 VS 2029
  - 1.2.2 Aluminum Target
  - 1.2.3 Copper Target
  - 1.2.4 Molybdenum Target
  - 1.2.5 Chrome Target
  - 1.2.6 AZO Target
  - 1.2.7 Others
- 1.3 Sputtering Target for Solar Battery Segment by Application
- 1.3.1 Global Sputtering Target for Solar Battery Market Value Growth Rate Analysis by Application: 2022 VS 2029
  - 1.3.2 Photovoltaic
  - 1.3.3 Others
- 1.4 Global Market Growth Prospects
- 1.4.1 Global Sputtering Target for Solar Battery Production Value Estimates and Forecasts (2018-2029)
- 1.4.2 Global Sputtering Target for Solar Battery Production Capacity Estimates and Forecasts (2018-2029)
- 1.4.3 Global Sputtering Target for Solar Battery Production Estimates and Forecasts (2018-2029)
- 1.4.4 Global Sputtering Target for Solar Battery Market Average Price Estimates and Forecasts (2018-2029)
- 1.5 Assumptions and Limitations

#### 2 MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Sputtering Target for Solar Battery Production Market Share by Manufacturers (2018-2023)
- 2.2 Global Sputtering Target for Solar Battery Production Value Market Share by Manufacturers (2018-2023)
- 2.3 Global Key Players of Sputtering Target for Solar Battery, Industry Ranking, 2021 VS 2022 VS 2023
- 2.4 Global Sputtering Target for Solar Battery Market Share by Company Type (Tier 1,



Tier 2 and Tier 3)

- 2.5 Global Sputtering Target for Solar Battery Average Price by Manufacturers (2018-2023)
- 2.6 Global Key Manufacturers of Sputtering Target for Solar Battery, Manufacturing Base Distribution and Headquarters
- 2.7 Global Key Manufacturers of Sputtering Target for Solar Battery, Product Offered and Application
- 2.8 Global Key Manufacturers of Sputtering Target for Solar Battery, Date of Enter into This Industry
- 2.9 Sputtering Target for Solar Battery Market Competitive Situation and Trends
  - 2.9.1 Sputtering Target for Solar Battery Market Concentration Rate
- 2.9.2 Global 5 and 10 Largest Sputtering Target for Solar Battery Players Market Share by Revenue
- 2.10 Mergers & Acquisitions, Expansion

#### 3 SPUTTERING TARGET FOR SOLAR BATTERY PRODUCTION BY REGION

- 3.1 Global Sputtering Target for Solar Battery Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 3.2 Global Sputtering Target for Solar Battery Production Value by Region (2018-2029)
- 3.2.1 Global Sputtering Target for Solar Battery Production Value Market Share by Region (2018-2023)
- 3.2.2 Global Forecasted Production Value of Sputtering Target for Solar Battery by Region (2024-2029)
- 3.3 Global Sputtering Target for Solar Battery Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 3.4 Global Sputtering Target for Solar Battery Production by Region (2018-2029)
- 3.4.1 Global Sputtering Target for Solar Battery Production Market Share by Region (2018-2023)
- 3.4.2 Global Forecasted Production of Sputtering Target for Solar Battery by Region (2024-2029)
- 3.5 Global Sputtering Target for Solar Battery Market Price Analysis by Region (2018-2023)
- 3.6 Global Sputtering Target for Solar Battery Production and Value, Year-over-Year Growth
- 3.6.1 North America Sputtering Target for Solar Battery Production Value Estimates and Forecasts (2018-2029)
- 3.6.2 Europe Sputtering Target for Solar Battery Production Value Estimates and Forecasts (2018-2029)



- 3.6.3 China Sputtering Target for Solar Battery Production Value Estimates and Forecasts (2018-2029)
- 3.6.4 Japan Sputtering Target for Solar Battery Production Value Estimates and Forecasts (2018-2029)

#### 4 SPUTTERING TARGET FOR SOLAR BATTERY CONSUMPTION BY REGION

- 4.1 Global Sputtering Target for Solar Battery Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029
- 4.2 Global Sputtering Target for Solar Battery Consumption by Region (2018-2029)
- 4.2.1 Global Sputtering Target for Solar Battery Consumption by Region (2018-2023)
- 4.2.2 Global Sputtering Target for Solar Battery Forecasted Consumption by Region (2024-2029)
- 4.3 North America
- 4.3.1 North America Sputtering Target for Solar Battery Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
- 4.3.2 North America Sputtering Target for Solar Battery Consumption by Country (2018-2029)
  - 4.3.3 U.S.
  - 4.3.4 Canada
- 4.4 Europe
- 4.4.1 Europe Sputtering Target for Solar Battery Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
  - 4.4.2 Europe Sputtering Target for Solar Battery Consumption by Country (2018-2029)
  - 4.4.3 Germany
  - 4.4.4 France
  - 4.4.5 U.K.
  - 4.4.6 Italy
  - 4.4.7 Russia
- 4.5 Asia Pacific
- 4.5.1 Asia Pacific Sputtering Target for Solar Battery Consumption Growth Rate by Region: 2018 VS 2022 VS 2029
- 4.5.2 Asia Pacific Sputtering Target for Solar Battery Consumption by Region (2018-2029)
  - 4.5.3 China
  - 4.5.4 Japan
- 4.5.5 South Korea
- 4.5.6 China Taiwan
- 4.5.7 Southeast Asia



- 4.5.8 India
- 4.6 Latin America, Middle East & Africa
- 4.6.1 Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption Growth Rate by Country: 2018 VS 2022 VS 2029
- 4.6.2 Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption by Country (2018-2029)
  - 4.6.3 Mexico
  - 4.6.4 Brazil
  - 4.6.5 Turkey

#### **5 SEGMENT BY TYPE**

- 5.1 Global Sputtering Target for Solar Battery Production by Type (2018-2029)
  - 5.1.1 Global Sputtering Target for Solar Battery Production by Type (2018-2023)
  - 5.1.2 Global Sputtering Target for Solar Battery Production by Type (2024-2029)
- 5.1.3 Global Sputtering Target for Solar Battery Production Market Share by Type (2018-2029)
- 5.2 Global Sputtering Target for Solar Battery Production Value by Type (2018-2029)
  - 5.2.1 Global Sputtering Target for Solar Battery Production Value by Type (2018-2023)
- 5.2.2 Global Sputtering Target for Solar Battery Production Value by Type (2024-2029)
- 5.2.3 Global Sputtering Target for Solar Battery Production Value Market Share by Type (2018-2029)
- 5.3 Global Sputtering Target for Solar Battery Price by Type (2018-2029)

#### **6 SEGMENT BY APPLICATION**

- 6.1 Global Sputtering Target for Solar Battery Production by Application (2018-2029)
- 6.1.1 Global Sputtering Target for Solar Battery Production by Application (2018-2023)
- 6.1.2 Global Sputtering Target for Solar Battery Production by Application (2024-2029)
- 6.1.3 Global Sputtering Target for Solar Battery Production Market Share by Application (2018-2029)
- 6.2 Global Sputtering Target for Solar Battery Production Value by Application (2018-2029)
- 6.2.1 Global Sputtering Target for Solar Battery Production Value by Application (2018-2023)
- 6.2.2 Global Sputtering Target for Solar Battery Production Value by Application (2024-2029)
- 6.2.3 Global Sputtering Target for Solar Battery Production Value Market Share by Application (2018-2029)



### 6.3 Global Sputtering Target for Solar Battery Price by Application (2018-2029)

#### 7 KEY COMPANIES PROFILED

- 7.1 Saint-Gobain
  - 7.1.1 Saint-Gobain Sputtering Target for Solar Battery Corporation Information
  - 7.1.2 Saint-Gobain Sputtering Target for Solar Battery Product Portfolio
- 7.1.3 Saint-Gobain Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
- 7.1.4 Saint-Gobain Main Business and Markets Served
- 7.1.5 Saint-Gobain Recent Developments/Updates
- 7.2 Hitachi Metals Ltd
  - 7.2.1 Hitachi Metals Ltd Sputtering Target for Solar Battery Corporation Information
  - 7.2.2 Hitachi Metals Ltd Sputtering Target for Solar Battery Product Portfolio
- 7.2.3 Hitachi Metals Ltd Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.2.4 Hitachi Metals Ltd Main Business and Markets Served
  - 7.2.5 Hitachi Metals Ltd Recent Developments/Updates
- 7.3 Mitsubishi Materials Corporation
- 7.3.1 Mitsubishi Materials Corporation Sputtering Target for Solar Battery Corporation Information
- 7.3.2 Mitsubishi Materials Corporation Sputtering Target for Solar Battery Product Portfolio
- 7.3.3 Mitsubishi Materials Corporation Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
- 7.3.4 Mitsubishi Materials Corporation Main Business and Markets Served
- 7.3.5 Mitsubishi Materials Corporation Recent Developments/Updates
- 7.4 Advanced Nano Products Co Ltd
- 7.4.1 Advanced Nano Products Co Ltd Sputtering Target for Solar Battery Corporation Information
- 7.4.2 Advanced Nano Products Co Ltd Sputtering Target for Solar Battery Product Portfolio
- 7.4.3 Advanced Nano Products Co Ltd Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
- 7.4.4 Advanced Nano Products Co Ltd Main Business and Markets Served
- 7.4.5 Advanced Nano Products Co Ltd Recent Developments/Updates
- 7.5 Umicore
- 7.5.1 Umicore Sputtering Target for Solar Battery Corporation Information
- 7.5.2 Umicore Sputtering Target for Solar Battery Product Portfolio



- 7.5.3 Umicore Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.5.4 Umicore Main Business and Markets Served
  - 7.5.5 Umicore Recent Developments/Updates
- 7.6 Tosoh Specialty Metals Division
- 7.6.1 Tosoh Specialty Metals Division Sputtering Target for Solar Battery Corporation Information
- 7.6.2 Tosoh Specialty Metals Division Sputtering Target for Solar Battery Product Portfolio
- 7.6.3 Tosoh Specialty Metals Division Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.6.4 Tosoh Specialty Metals Division Main Business and Markets Served
  - 7.6.5 Tosoh Specialty Metals Division Recent Developments/Updates
- 7.7 Moltun International
- 7.7.1 Moltun International Sputtering Target for Solar Battery Corporation Information
- 7.7.2 Moltun International Sputtering Target for Solar Battery Product Portfolio
- 7.7.3 Moltun International Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.7.4 Moltun International Main Business and Markets Served
  - 7.7.5 Moltun International Recent Developments/Updates
- 7.8 ThinTech Materials Technology Co., Ltd.
- 7.8.1 ThinTech Materials Technology Co., Ltd. Sputtering Target for Solar Battery Corporation Information
- 7.8.2 ThinTech Materials Technology Co., Ltd. Sputtering Target for Solar Battery Product Portfolio
- 7.8.3 ThinTech Materials Technology Co., Ltd. Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.8.4 ThinTech Materials Technology Co., Ltd. Main Business and Markets Served
- 7.7.5 ThinTech Materials Technology Co., Ltd. Recent Developments/Updates
- 7.9 Admat Inc
  - 7.9.1 Admat Inc Sputtering Target for Solar Battery Corporation Information
  - 7.9.2 Admat Inc Sputtering Target for Solar Battery Product Portfolio
- 7.9.3 Admat Inc Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.9.4 Admat Inc Main Business and Markets Served
  - 7.9.5 Admat Inc Recent Developments/Updates
- 7.10 ULVAC Technologies, Inc.
- 7.10.1 ULVAC Technologies, Inc. Sputtering Target for Solar Battery Corporation Information



- 7.10.2 ULVAC Technologies, Inc. Sputtering Target for Solar Battery Product Portfolio
- 7.10.3 ULVAC Technologies, Inc. Sputtering Target for Solar Battery Production,

Value, Price and Gross Margin (2018-2023)

- 7.10.4 ULVAC Technologies, Inc. Main Business and Markets Served
- 7.10.5 ULVAC Technologies, Inc. Recent Developments/Updates
- 7.11 Soleras Advanced Coatings
- 7.11.1 Soleras Advanced Coatings Sputtering Target for Solar Battery Corporation Information
- 7.11.2 Soleras Advanced Coatings Sputtering Target for Solar Battery Product Portfolio
- 7.11.3 Soleras Advanced Coatings Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
- 7.11.4 Soleras Advanced Coatings Main Business and Markets Served
- 7.11.5 Soleras Advanced Coatings Recent Developments/Updates
- 7.12 Nanografi Nano Technology
- 7.12.1 Nanografi Nano Technology Sputtering Target for Solar Battery Corporation Information
- 7.12.2 Nanografi Nano Technology Sputtering Target for Solar Battery Product Portfolio
- 7.12.3 Nanografi Nano Technology Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
  - 7.12.4 Nanografi Nano Technology Main Business and Markets Served
- 7.12.5 Nanografi Nano Technology Recent Developments/Updates
- 7.13 Solar Applied Materials Technology Co., Ltd.
- 7.13.1 Solar Applied Materials Technology Co., Ltd. Sputtering Target for Solar Battery Corporation Information
- 7.13.2 Solar Applied Materials Technology Co., Ltd. Sputtering Target for Solar Battery Product Portfolio
- 7.13.3 Solar Applied Materials Technology Co., Ltd. Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
- 7.13.4 Solar Applied Materials Technology Co., Ltd. Main Business and Markets Served
- 7.13.5 Solar Applied Materials Technology Co., Ltd. Recent Developments/Updates 7.14 Kobelco Research Institute Inc
- 7.14.1 Kobelco Research Institute Inc Sputtering Target for Solar Battery Corporation Information
- 7.14.2 Kobelco Research Institute Inc Sputtering Target for Solar Battery Product Portfolio
- 7.14.3 Kobelco Research Institute Inc Sputtering Target for Solar Battery Production,



Value, Price and Gross Margin (2018-2023)

- 7.14.4 Kobelco Research Institute Inc Main Business and Markets Served
- 7.14.5 Kobelco Research Institute Inc Recent Developments/Updates
- 7.15 UV Tech Material Ltd
- 7.15.1 UV Tech Material Ltd Sputtering Target for Solar Battery Corporation Information
- 7.15.2 UV Tech Material Ltd Sputtering Target for Solar Battery Product Portfolio
- 7.15.3 UV Tech Material Ltd Sputtering Target for Solar Battery Production, Value, Price and Gross Margin (2018-2023)
- 7.15.4 UV Tech Material Ltd Main Business and Markets Served
- 7.15.5 UV Tech Material Ltd Recent Developments/Updates

#### **8 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS**

- 8.1 Sputtering Target for Solar Battery Industry Chain Analysis
- 8.2 Sputtering Target for Solar Battery Key Raw Materials
  - 8.2.1 Key Raw Materials
  - 8.2.2 Raw Materials Key Suppliers
- 8.3 Sputtering Target for Solar Battery Production Mode & Process
- 8.4 Sputtering Target for Solar Battery Sales and Marketing
  - 8.4.1 Sputtering Target for Solar Battery Sales Channels
- 8.4.2 Sputtering Target for Solar Battery Distributors
- 8.5 Sputtering Target for Solar Battery Customers

#### 9 SPUTTERING TARGET FOR SOLAR BATTERY MARKET DYNAMICS

- 9.1 Sputtering Target for Solar Battery Industry Trends
- 9.2 Sputtering Target for Solar Battery Market Drivers
- 9.3 Sputtering Target for Solar Battery Market Challenges
- 9.4 Sputtering Target for Solar Battery Market Restraints

## 10 RESEARCH FINDING AND CONCLUSION

#### 11 METHODOLOGY AND DATA SOURCE

- 11.1 Methodology/Research Approach
  - 11.1.1 Research Programs/Design
  - 11.1.2 Market Size Estimation



- 11.1.3 Market Breakdown and Data Triangulation
- 11.2 Data Source
  - 11.2.1 Secondary Sources
  - 11.2.2 Primary Sources
- 11.3 Author List
- 11.4 Disclaimer



## **List Of Tables**

#### LIST OF TABLES

Table 1. Global Sputtering Target for Solar Battery Market Value by Type, (US\$ Million) & (2022 VS 2029)

Table 2. Global Sputtering Target for Solar Battery Market Value by Application, (US\$ Million) & (2022 VS 2029)

Table 3. Global Sputtering Target for Solar Battery Production Capacity (Ton) by Manufacturers in 2022

Table 4. Global Sputtering Target for Solar Battery Production by Manufacturers (2018-2023) & (Ton)

Table 5. Global Sputtering Target for Solar Battery Production Market Share by Manufacturers (2018-2023)

Table 6. Global Sputtering Target for Solar Battery Production Value by Manufacturers (2018-2023) & (US\$ Million)

Table 7. Global Sputtering Target for Solar Battery Production Value Share by Manufacturers (2018-2023)

Table 8. Global Sputtering Target for Solar Battery Industry Ranking 2021 VS 2022 VS 2023

Table 9. Company Type (Tier 1, Tier 2 and Tier 3) & (based on the Revenue in Sputtering Target for Solar Battery as of 2022)

Table 10. Global Market Sputtering Target for Solar Battery Average Price by Manufacturers (US\$/Ton) & (2018-2023)

Table 11. Manufacturers Sputtering Target for Solar Battery Production Sites and Area Served

Table 12. Manufacturers Sputtering Target for Solar Battery Product Types

Table 13. Global Sputtering Target for Solar Battery Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion

Table 15. Global Sputtering Target for Solar Battery Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 16. Global Sputtering Target for Solar Battery Production Value (US\$ Million) by Region (2018-2023)

Table 17. Global Sputtering Target for Solar Battery Production Value Market Share by Region (2018-2023)

Table 18. Global Sputtering Target for Solar Battery Production Value (US\$ Million) Forecast by Region (2024-2029)

Table 19. Global Sputtering Target for Solar Battery Production Value Market Share



Forecast by Region (2024-2029)

Table 20. Global Sputtering Target for Solar Battery Production Comparison by Region: 2018 VS 2022 VS 2029 (Ton)

Table 21. Global Sputtering Target for Solar Battery Production (Ton) by Region (2018-2023)

Table 22. Global Sputtering Target for Solar Battery Production Market Share by Region (2018-2023)

Table 23. Global Sputtering Target for Solar Battery Production (Ton) Forecast by Region (2024-2029)

Table 24. Global Sputtering Target for Solar Battery Production Market Share Forecast by Region (2024-2029)

Table 25. Global Sputtering Target for Solar Battery Market Average Price (US\$/Ton) by Region (2018-2023)

Table 26. Global Sputtering Target for Solar Battery Market Average Price (US\$/Ton) by Region (2024-2029)

Table 27. Global Sputtering Target for Solar Battery Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (Ton)

Table 28. Global Sputtering Target for Solar Battery Consumption by Region (2018-2023) & (Ton)

Table 29. Global Sputtering Target for Solar Battery Consumption Market Share by Region (2018-2023)

Table 30. Global Sputtering Target for Solar Battery Forecasted Consumption by Region (2024-2029) & (Ton)

Table 31. Global Sputtering Target for Solar Battery Forecasted Consumption Market Share by Region (2018-2023)

Table 32. North America Sputtering Target for Solar Battery Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Ton)

Table 33. North America Sputtering Target for Solar Battery Consumption by Country (2018-2023) & (Ton)

Table 34. North America Sputtering Target for Solar Battery Consumption by Country (2024-2029) & (Ton)

Table 35. Europe Sputtering Target for Solar Battery Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Ton)

Table 36. Europe Sputtering Target for Solar Battery Consumption by Country (2018-2023) & (Ton)

Table 37. Europe Sputtering Target for Solar Battery Consumption by Country (2024-2029) & (Ton)

Table 38. Asia Pacific Sputtering Target for Solar Battery Consumption Growth Rate by Region: 2018 VS 2022 VS 2029 (Ton)



- Table 39. Asia Pacific Sputtering Target for Solar Battery Consumption by Region (2018-2023) & (Ton)
- Table 40. Asia Pacific Sputtering Target for Solar Battery Consumption by Region (2024-2029) & (Ton)
- Table 41. Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Ton)
- Table 42. Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption by Country (2018-2023) & (Ton)
- Table 43. Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption by Country (2024-2029) & (Ton)
- Table 44. Global Sputtering Target for Solar Battery Production (Ton) by Type (2018-2023)
- Table 45. Global Sputtering Target for Solar Battery Production (Ton) by Type (2024-2029)
- Table 46. Global Sputtering Target for Solar Battery Production Market Share by Type (2018-2023)
- Table 47. Global Sputtering Target for Solar Battery Production Market Share by Type (2024-2029)
- Table 48. Global Sputtering Target for Solar Battery Production Value (US\$ Million) by Type (2018-2023)
- Table 49. Global Sputtering Target for Solar Battery Production Value (US\$ Million) by Type (2024-2029)
- Table 50. Global Sputtering Target for Solar Battery Production Value Share by Type (2018-2023)
- Table 51. Global Sputtering Target for Solar Battery Production Value Share by Type (2024-2029)
- Table 52. Global Sputtering Target for Solar Battery Price (US\$/Ton) by Type (2018-2023)
- Table 53. Global Sputtering Target for Solar Battery Price (US\$/Ton) by Type (2024-2029)
- Table 54. Global Sputtering Target for Solar Battery Production (Ton) by Application (2018-2023)
- Table 55. Global Sputtering Target for Solar Battery Production (Ton) by Application (2024-2029)
- Table 56. Global Sputtering Target for Solar Battery Production Market Share by Application (2018-2023)
- Table 57. Global Sputtering Target for Solar Battery Production Market Share by Application (2024-2029)
- Table 58. Global Sputtering Target for Solar Battery Production Value (US\$ Million) by



Application (2018-2023)

Table 59. Global Sputtering Target for Solar Battery Production Value (US\$ Million) by Application (2024-2029)

Table 60. Global Sputtering Target for Solar Battery Production Value Share by Application (2018-2023)

Table 61. Global Sputtering Target for Solar Battery Production Value Share by Application (2024-2029)

Table 62. Global Sputtering Target for Solar Battery Price (US\$/Ton) by Application (2018-2023)

Table 63. Global Sputtering Target for Solar Battery Price (US\$/Ton) by Application (2024-2029)

Table 64. Saint-Gobain Sputtering Target for Solar Battery Corporation Information

Table 65. Saint-Gobain Specification and Application

Table 66. Saint-Gobain Sputtering Target for Solar Battery Production (Ton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 67. Saint-Gobain Main Business and Markets Served

Table 68. Saint-Gobain Recent Developments/Updates

Table 69. Hitachi Metals Ltd Sputtering Target for Solar Battery Corporation Information

Table 70. Hitachi Metals Ltd Specification and Application

Table 71. Hitachi Metals Ltd Sputtering Target for Solar Battery Production (Ton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 72. Hitachi Metals Ltd Main Business and Markets Served

Table 73. Hitachi Metals Ltd Recent Developments/Updates

Table 74. Mitsubishi Materials Corporation Sputtering Target for Solar Battery Corporation Information

Table 75. Mitsubishi Materials Corporation Specification and Application

Table 76. Mitsubishi Materials Corporation Sputtering Target for Solar Battery

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

Table 77. Mitsubishi Materials Corporation Main Business and Markets Served

Table 78. Mitsubishi Materials Corporation Recent Developments/Updates

Table 79. Advanced Nano Products Co Ltd Sputtering Target for Solar Battery Corporation Information

Table 80. Advanced Nano Products Co Ltd Specification and Application

Table 81. Advanced Nano Products Co Ltd Sputtering Target for Solar Battery

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

Table 82. Advanced Nano Products Co Ltd Main Business and Markets Served

Table 83. Advanced Nano Products Co Ltd Recent Developments/Updates

Table 84. Umicore Sputtering Target for Solar Battery Corporation Information

Table 85. Umicore Specification and Application



Table 86. Umicore Sputtering Target for Solar Battery Production (Ton), Value (US\$

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

Table 87. Umicore Main Business and Markets Served

Table 88. Umicore Recent Developments/Updates

Table 89. Tosoh Specialty Metals Division Sputtering Target for Solar Battery Corporation Information

Table 90. Tosoh Specialty Metals Division Specification and Application

Table 91. Tosoh Specialty Metals Division Sputtering Target for Solar Battery

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

Table 92. Tosoh Specialty Metals Division Main Business and Markets Served

Table 93. Tosoh Specialty Metals Division Recent Developments/Updates

Table 94. Moltun International Sputtering Target for Solar Battery Corporation Information

Table 95. Moltun International Specification and Application

Table 96. Moltun International Sputtering Target for Solar Battery Production (Ton),

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

Table 97. Moltun International Main Business and Markets Served

Table 98. Moltun International Recent Developments/Updates

Table 99. ThinTech Materials Technology Co., Ltd. Sputtering Target for Solar Battery Corporation Information

Table 100. ThinTech Materials Technology Co., Ltd. Specification and Application

Table 101. ThinTech Materials Technology Co., Ltd. Sputtering Target for Solar Battery

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

Table 102. ThinTech Materials Technology Co., Ltd. Main Business and Markets Served

Table 103. ThinTech Materials Technology Co., Ltd. Recent Developments/Updates

Table 104. Admat Inc Sputtering Target for Solar Battery Corporation Information

Table 105. Admat Inc Specification and Application

Table 106. Admat Inc Sputtering Target for Solar Battery Production (Ton), Value (US\$

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

Table 107. Admat Inc Main Business and Markets Served

Table 108. Admat Inc Recent Developments/Updates

Table 109. ULVAC Technologies, Inc. Sputtering Target for Solar Battery Corporation Information

Table 110. ULVAC Technologies, Inc. Specification and Application

Table 111. ULVAC Technologies, Inc. Sputtering Target for Solar Battery Production

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

Table 112. ULVAC Technologies, Inc. Main Business and Markets Served

Table 113. ULVAC Technologies, Inc. Recent Developments/Updates



- Table 114. Soleras Advanced Coatings Sputtering Target for Solar Battery Corporation Information
- Table 115. Soleras Advanced Coatings Specification and Application
- Table 116. Soleras Advanced Coatings Sputtering Target for Solar Battery Production
- (Ton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 117. Soleras Advanced Coatings Main Business and Markets Served
- Table 118. Soleras Advanced Coatings Recent Developments/Updates
- Table 119. Nanografi Nano Technology Sputtering Target for Solar Battery Corporation Information
- Table 120. Nanografi Nano Technology Specification and Application
- Table 121. Nanografi Nano Technology Sputtering Target for Solar Battery Production
- (Ton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 122. Nanografi Nano Technology Main Business and Markets Served
- Table 123. Nanografi Nano Technology Recent Developments/Updates
- Table 124. Solar Applied Materials Technology Co., Ltd. Sputtering Target for Solar Battery Corporation Information
- Table 125. Solar Applied Materials Technology Co., Ltd. Specification and Application
- Table 126. Solar Applied Materials Technology Co., Ltd. Sputtering Target for Solar
- Battery Production (Ton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 127. Solar Applied Materials Technology Co., Ltd. Main Business and Markets Served
- Table 128. Solar Applied Materials Technology Co., Ltd. Recent Developments/Updates
- Table 129. Kobelco Research Institute Inc Sputtering Target for Solar Battery Corporation Information
- Table 130. Kobelco Research Institute Inc Specification and Application
- Table 131. Kobelco Research Institute Inc Sputtering Target for Solar Battery
- Production (Ton), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 132. Kobelco Research Institute Inc Main Business and Markets Served
- Table 133. Kobelco Research Institute Inc Recent Developments/Updates
- Table 134. Kobelco Research Institute Inc Sputtering Target for Solar Battery Corporation Information
- Table 135. UV Tech Material Ltd Specification and Application
- Table 136. UV Tech Material Ltd Sputtering Target for Solar Battery Production (Ton),
- Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 137. UV Tech Material Ltd Main Business and Markets Served
- Table 138. UV Tech Material Ltd Recent Developments/Updates
- Table 139. Key Raw Materials Lists
- Table 140. Raw Materials Key Suppliers Lists



- Table 141. Sputtering Target for Solar Battery Distributors List
- Table 142. Sputtering Target for Solar Battery Customers List
- Table 143. Sputtering Target for Solar Battery Market Trends
- Table 144. Sputtering Target for Solar Battery Market Drivers
- Table 145. Sputtering Target for Solar Battery Market Challenges
- Table 146. Sputtering Target for Solar Battery Market Restraints
- Table 147. Research Programs/Design for This Report
- Table 148. Key Data Information from Secondary Sources
- Table 149. Key Data Information from Primary Sources



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Product Picture of Sputtering Target for Solar Battery
- Figure 2. Global Sputtering Target for Solar Battery Market Value by Type, (US\$ Million) & (2022 VS 2029)
- Figure 3. Global Sputtering Target for Solar Battery Market Share by Type: 2022 VS 2029
- Figure 4. Aluminum Target Product Picture
- Figure 5. Copper Target Product Picture
- Figure 6. Molybdenum Target Product Picture
- Figure 7. Chrome Target Product Picture
- Figure 8. AZO Target Product Picture
- Figure 9. Others Product Picture
- Figure 10. Global Sputtering Target for Solar Battery Market Value by Application, (US\$ Million) & (2022 VS 2029)
- Figure 11. Global Sputtering Target for Solar Battery Market Share by Application: 2022 VS 2029
- Figure 12. Photovoltaic
- Figure 13. Others
- Figure 14. Global Sputtering Target for Solar Battery Production Value (US\$ Million), 2018 VS 2022 VS 2029
- Figure 15. Global Sputtering Target for Solar Battery Production Value (US\$ Million) & (2018-2029)
- Figure 16. Global Sputtering Target for Solar Battery Production Capacity (Ton) & (2018-2029)
- Figure 17. Global Sputtering Target for Solar Battery Production (Ton) & (2018-2029)
- Figure 18. Global Sputtering Target for Solar Battery Average Price (US\$/Ton) & (2018-2029)
- Figure 19. Sputtering Target for Solar Battery Report Years Considered
- Figure 20. Sputtering Target for Solar Battery Production Share by Manufacturers in 2022
- Figure 21. Sputtering Target for Solar Battery Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022
- Figure 22. The Global 5 and 10 Largest Players: Market Share by Sputtering Target for Solar Battery Revenue in 2022
- Figure 23. Global Sputtering Target for Solar Battery Production Value by Region: 2018 VS 2022 VS 2029 (US\$ Million)



Figure 24. Global Sputtering Target for Solar Battery Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 25. Global Sputtering Target for Solar Battery Production Comparison by Region: 2018 VS 2022 VS 2029 (Ton)

Figure 26. Global Sputtering Target for Solar Battery Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 27. North America Sputtering Target for Solar Battery Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 28. Europe Sputtering Target for Solar Battery Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 29. China Sputtering Target for Solar Battery Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 30. Japan Sputtering Target for Solar Battery Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 31. Global Sputtering Target for Solar Battery Consumption by Region: 2018 VS 2022 VS 2029 (Ton)

Figure 32. Global Sputtering Target for Solar Battery Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 33. North America Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 34. North America Sputtering Target for Solar Battery Consumption Market Share by Country (2018-2029)

Figure 35. Canada Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 36. U.S. Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 37. Europe Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 38. Europe Sputtering Target for Solar Battery Consumption Market Share by Country (2018-2029)

Figure 39. Germany Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 40. France Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 41. U.K. Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 42. Italy Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 43. Russia Sputtering Target for Solar Battery Consumption and Growth Rate



(2018-2023) & (Ton)

Figure 44. Asia Pacific Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 45. Asia Pacific Sputtering Target for Solar Battery Consumption Market Share by Regions (2018-2029)

Figure 46. China Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 47. Japan Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 48. South Korea Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 49. China Taiwan Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 50. Southeast Asia Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 51. India Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 52. Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 53. Latin America, Middle East & Africa Sputtering Target for Solar Battery Consumption Market Share by Country (2018-2029)

Figure 54. Mexico Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 55. Brazil Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 56. Turkey Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 57. GCC Countries Sputtering Target for Solar Battery Consumption and Growth Rate (2018-2023) & (Ton)

Figure 58. Global Production Market Share of Sputtering Target for Solar Battery by Type (2018-2029)

Figure 59. Global Production Value Market Share of Sputtering Target for Solar Battery by Type (2018-2029)

Figure 60. Global Sputtering Target for Solar Battery Price (US\$/Ton) by Type (2018-2029)

Figure 61. Global Production Market Share of Sputtering Target for Solar Battery by Application (2018-2029)

Figure 62. Global Production Value Market Share of Sputtering Target for Solar Battery by Application (2018-2029)



Figure 63. Global Sputtering Target for Solar Battery Price (US\$/Ton) by Application (2018-2029)

Figure 64. Sputtering Target for Solar Battery Value Chain

Figure 65. Sputtering Target for Solar Battery Production Process

Figure 66. Channels of Distribution (Direct Vs Distribution)

Figure 67. Distributors Profiles

Figure 68. Bottom-up and Top-down Approaches for This Report

Figure 69. Data Triangulation



#### I would like to order

Product name: Global Sputtering Target for Solar Battery Market Research Report 2023

Product link: https://marketpublishers.com/r/G24D76B7B304EN.html

Price: US\$ 2,900.00 (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/G24D76B7B304EN.html">https://marketpublishers.com/r/G24D76B7B304EN.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

To place an order via fax simply print this form, fill in the information below

& Conditions at https://marketpublishers.com/docs/terms.html

and fax the completed form to +44 20 7900 3970

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms