

Global Hard Carbon Anode Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G60484BF8CCAEN.html>

Date: June 2023

Pages: 107

Price: US\$ 3,480.00 (Single User License)

ID: G60484BF8CCAEN

Abstracts

According to our (Global Info Research) latest study, the global Hard Carbon Anode market size was valued at USD 4836.1 million in 2022 and is forecast to a readjusted size of USD 7285.6 million by 2029 with a CAGR of 6.0% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Hard carbon, also known as 'non-graphitizable carbon', is usually a general term for carbon materials that are difficult to be graphitized. Hard carbon is formed by stacking twisted graphene sheets. Even at temperatures higher than 3000°C, it is difficult for these stacked graphene sheets to completely unfold or flatten to further form graphite. The applications of hard carbon materials in the energy field mainly include lithium-ion batteries, supercapacitors and sodium-ion batteries.

This report is a detailed and comprehensive analysis for global Hard Carbon Anode market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Hard Carbon Anode market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Hard Carbon Anode market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Hard Carbon Anode market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Hard Carbon Anode market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Hard Carbon Anode

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Hard Carbon Anode market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kuraray, Stora Enso, Sumitomo Bakelite Co., Ltd., KUREHA CORPORATION and JFE Holdings, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Hard Carbon Anode market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Bio-Based

Synthetic Polymer Based

Fossil Fuel Based

Market segment by Application

Na Battery

Super Capacitor

Harsh Environment Batteries

Start-Stop Battery

Power Battery

Major players covered

Kuraray

Stora Enso

Sumitomo Bakelite Co., Ltd.

KUREHA CORPORATION

JFE Holdings

Chengdu Best Technology Co., Ltd.

(Btr New Material Group Co.,Ltd.) China Bao'an Group Co.,Ltd.

Ningbo Shanshan Co., Ltd

Hunan Zhongke Electric Co., Ltd.

Xiang Fenghua

Fujian Yuanli Active Carbon Co., Ltd.

Jinan Shengquan Group Share Holding Co.,Ltd.

Sunwoda Electronic Co.,Ltd.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Hard Carbon Anode product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Hard Carbon Anode, with price, sales, revenue and global market share of Hard Carbon Anode from 2018 to 2023.

Chapter 3, the Hard Carbon Anode competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Hard Carbon Anode breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Hard Carbon Anode market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Hard Carbon Anode.

Chapter 14 and 15, to describe Hard Carbon Anode sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Hard Carbon Anode
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Hard Carbon Anode Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Bio-Based
 - 1.3.3 Synthetic Polymer Based
 - 1.3.4 Fossil Fuel Based
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Hard Carbon Anode Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Na Battery
 - 1.4.3 Super Capacitor
 - 1.4.4 Harsh Environment Batteries
 - 1.4.5 Start-Stop Battery
 - 1.4.6 Power Battery
- 1.5 Global Hard Carbon Anode Market Size & Forecast
 - 1.5.1 Global Hard Carbon Anode Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Hard Carbon Anode Sales Quantity (2018-2029)
 - 1.5.3 Global Hard Carbon Anode Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Kuraray
 - 2.1.1 Kuraray Details
 - 2.1.2 Kuraray Major Business
 - 2.1.3 Kuraray Hard Carbon Anode Product and Services
 - 2.1.4 Kuraray Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Kuraray Recent Developments/Updates
- 2.2 Stora Enso
 - 2.2.1 Stora Enso Details
 - 2.2.2 Stora Enso Major Business
 - 2.2.3 Stora Enso Hard Carbon Anode Product and Services
 - 2.2.4 Stora Enso Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2018-2023)

2.2.5 Stora Enso Recent Developments/Updates

2.3 Sumitomo Bakelite Co., Ltd.

2.3.1 Sumitomo Bakelite Co., Ltd. Details

2.3.2 Sumitomo Bakelite Co., Ltd. Major Business

2.3.3 Sumitomo Bakelite Co., Ltd. Hard Carbon Anode Product and Services

2.3.4 Sumitomo Bakelite Co., Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Sumitomo Bakelite Co., Ltd. Recent Developments/Updates

2.4 KUREHA CORPORATION

2.4.1 KUREHA CORPORATION Details

2.4.2 KUREHA CORPORATION Major Business

2.4.3 KUREHA CORPORATION Hard Carbon Anode Product and Services

2.4.4 KUREHA CORPORATION Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 KUREHA CORPORATION Recent Developments/Updates

2.5 JFE Holdings

2.5.1 JFE Holdings Details

2.5.2 JFE Holdings Major Business

2.5.3 JFE Holdings Hard Carbon Anode Product and Services

2.5.4 JFE Holdings Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 JFE Holdings Recent Developments/Updates

2.6 Chengdu Best Technology Co., Ltd.

2.6.1 Chengdu Best Technology Co., Ltd. Details

2.6.2 Chengdu Best Technology Co., Ltd. Major Business

2.6.3 Chengdu Best Technology Co., Ltd. Hard Carbon Anode Product and Services

2.6.4 Chengdu Best Technology Co., Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Chengdu Best Technology Co., Ltd. Recent Developments/Updates

2.7 (Btr New Material Group Co.,ltd.) China Bao'an Group Co.,Ltd.

2.7.1 (Btr New Material Group Co.,ltd.) China Bao'an Group Co.,Ltd. Details

2.7.2 (Btr New Material Group Co.,ltd.) China Bao'an Group Co.,Ltd. Major Business

2.7.3 (Btr New Material Group Co.,ltd.) China Bao'an Group Co.,Ltd. Hard Carbon Anode Product and Services

2.7.4 (Btr New Material Group Co.,ltd.) China Bao'an Group Co.,Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 (Btr New Material Group Co.,ltd.) China Bao'an Group Co.,Ltd. Recent

Developments/Updates

2.8 Ningbo Shanshan Co., Ltd

2.8.1 Ningbo Shanshan Co., Ltd Details

2.8.2 Ningbo Shanshan Co., Ltd Major Business

2.8.3 Ningbo Shanshan Co., Ltd Hard Carbon Anode Product and Services

2.8.4 Ningbo Shanshan Co., Ltd Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Ningbo Shanshan Co., Ltd Recent Developments/Updates

2.9 Hunan Zhongke Electric Co., Ltd.

2.9.1 Hunan Zhongke Electric Co., Ltd. Details

2.9.2 Hunan Zhongke Electric Co., Ltd. Major Business

2.9.3 Hunan Zhongke Electric Co., Ltd. Hard Carbon Anode Product and Services

2.9.4 Hunan Zhongke Electric Co., Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Hunan Zhongke Electric Co., Ltd. Recent Developments/Updates

2.10 Xiang Fenghua

2.10.1 Xiang Fenghua Details

2.10.2 Xiang Fenghua Major Business

2.10.3 Xiang Fenghua Hard Carbon Anode Product and Services

2.10.4 Xiang Fenghua Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 Xiang Fenghua Recent Developments/Updates

2.11 Fujian Yuanli Active Carbon Co., Ltd.

2.11.1 Fujian Yuanli Active Carbon Co., Ltd. Details

2.11.2 Fujian Yuanli Active Carbon Co., Ltd. Major Business

2.11.3 Fujian Yuanli Active Carbon Co., Ltd. Hard Carbon Anode Product and Services

2.11.4 Fujian Yuanli Active Carbon Co., Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Fujian Yuanli Active Carbon Co., Ltd. Recent Developments/Updates

2.12 Jinan Shengquan Group Share Holding Co.,Ltd.

2.12.1 Jinan Shengquan Group Share Holding Co.,Ltd. Details

2.12.2 Jinan Shengquan Group Share Holding Co.,Ltd. Major Business

2.12.3 Jinan Shengquan Group Share Holding Co.,Ltd. Hard Carbon Anode Product and Services

2.12.4 Jinan Shengquan Group Share Holding Co.,Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Jinan Shengquan Group Share Holding Co.,Ltd. Recent Developments/Updates

2.13 Sunwoda Electronic Co.,Ltd.

2.13.1 Sunwoda Electronic Co.,Ltd. Details

- 2.13.2 Sunwoda Electronic Co.,Ltd. Major Business
- 2.13.3 Sunwoda Electronic Co.,Ltd. Hard Carbon Anode Product and Services
- 2.13.4 Sunwoda Electronic Co.,Ltd. Hard Carbon Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Sunwoda Electronic Co.,Ltd. Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HARD CARBON ANODE BY MANUFACTURER

- 3.1 Global Hard Carbon Anode Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Hard Carbon Anode Revenue by Manufacturer (2018-2023)
- 3.3 Global Hard Carbon Anode Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Hard Carbon Anode by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Hard Carbon Anode Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Hard Carbon Anode Manufacturer Market Share in 2022
- 3.5 Hard Carbon Anode Market: Overall Company Footprint Analysis
 - 3.5.1 Hard Carbon Anode Market: Region Footprint
 - 3.5.2 Hard Carbon Anode Market: Company Product Type Footprint
 - 3.5.3 Hard Carbon Anode Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Hard Carbon Anode Market Size by Region
 - 4.1.1 Global Hard Carbon Anode Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Hard Carbon Anode Consumption Value by Region (2018-2029)
 - 4.1.3 Global Hard Carbon Anode Average Price by Region (2018-2029)
- 4.2 North America Hard Carbon Anode Consumption Value (2018-2029)
- 4.3 Europe Hard Carbon Anode Consumption Value (2018-2029)
- 4.4 Asia-Pacific Hard Carbon Anode Consumption Value (2018-2029)
- 4.5 South America Hard Carbon Anode Consumption Value (2018-2029)
- 4.6 Middle East and Africa Hard Carbon Anode Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Hard Carbon Anode Sales Quantity by Type (2018-2029)
- 5.2 Global Hard Carbon Anode Consumption Value by Type (2018-2029)

5.3 Global Hard Carbon Anode Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Hard Carbon Anode Sales Quantity by Application (2018-2029)

6.2 Global Hard Carbon Anode Consumption Value by Application (2018-2029)

6.3 Global Hard Carbon Anode Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Hard Carbon Anode Sales Quantity by Type (2018-2029)

7.2 North America Hard Carbon Anode Sales Quantity by Application (2018-2029)

7.3 North America Hard Carbon Anode Market Size by Country

7.3.1 North America Hard Carbon Anode Sales Quantity by Country (2018-2029)

7.3.2 North America Hard Carbon Anode Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Hard Carbon Anode Sales Quantity by Type (2018-2029)

8.2 Europe Hard Carbon Anode Sales Quantity by Application (2018-2029)

8.3 Europe Hard Carbon Anode Market Size by Country

8.3.1 Europe Hard Carbon Anode Sales Quantity by Country (2018-2029)

8.3.2 Europe Hard Carbon Anode Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Hard Carbon Anode Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Hard Carbon Anode Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Hard Carbon Anode Market Size by Region

9.3.1 Asia-Pacific Hard Carbon Anode Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Hard Carbon Anode Consumption Value by Region (2018-2029)

- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Hard Carbon Anode Sales Quantity by Type (2018-2029)
- 10.2 South America Hard Carbon Anode Sales Quantity by Application (2018-2029)
- 10.3 South America Hard Carbon Anode Market Size by Country
 - 10.3.1 South America Hard Carbon Anode Sales Quantity by Country (2018-2029)
 - 10.3.2 South America Hard Carbon Anode Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Hard Carbon Anode Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Hard Carbon Anode Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Hard Carbon Anode Market Size by Country
 - 11.3.1 Middle East & Africa Hard Carbon Anode Sales Quantity by Country (2018-2029)
 - 11.3.2 Middle East & Africa Hard Carbon Anode Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Hard Carbon Anode Market Drivers
- 12.2 Hard Carbon Anode Market Restraints
- 12.3 Hard Carbon Anode Trends Analysis
- 12.4 Porters Five Forces Analysis

- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Hard Carbon Anode and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Hard Carbon Anode
- 13.3 Hard Carbon Anode Production Process
- 13.4 Hard Carbon Anode Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Hard Carbon Anode Typical Distributors
- 14.3 Hard Carbon Anode Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Hard Carbon Anode Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Hard Carbon Anode Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Kuraray Basic Information, Manufacturing Base and Competitors

Table 4. Kuraray Major Business

Table 5. Kuraray Hard Carbon Anode Product and Services

Table 6. Kuraray Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Kuraray Recent Developments/Updates

Table 8. Stora Enso Basic Information, Manufacturing Base and Competitors

Table 9. Stora Enso Major Business

Table 10. Stora Enso Hard Carbon Anode Product and Services

Table 11. Stora Enso Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Stora Enso Recent Developments/Updates

Table 13. Sumitomo Bakelite Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 14. Sumitomo Bakelite Co., Ltd. Major Business

Table 15. Sumitomo Bakelite Co., Ltd. Hard Carbon Anode Product and Services

Table 16. Sumitomo Bakelite Co., Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Sumitomo Bakelite Co., Ltd. Recent Developments/Updates

Table 18. KUREHA CORPORATION Basic Information, Manufacturing Base and Competitors

Table 19. KUREHA CORPORATION Major Business

Table 20. KUREHA CORPORATION Hard Carbon Anode Product and Services

Table 21. KUREHA CORPORATION Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. KUREHA CORPORATION Recent Developments/Updates

Table 23. JFE Holdings Basic Information, Manufacturing Base and Competitors

Table 24. JFE Holdings Major Business

Table 25. JFE Holdings Hard Carbon Anode Product and Services

Table 26. JFE Holdings Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. JFE Holdings Recent Developments/Updates

Table 28. Chengdu Best Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 29. Chengdu Best Technology Co., Ltd. Major Business

Table 30. Chengdu Best Technology Co., Ltd. Hard Carbon Anode Product and Services

Table 31. Chengdu Best Technology Co., Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Chengdu Best Technology Co., Ltd. Recent Developments/Updates

Table 33. (Btr New Material Group Co.,Ltd.) China Bao'an Group Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 34. (Btr New Material Group Co.,Ltd.) China Bao'an Group Co.,Ltd. Major Business

Table 35. (Btr New Material Group Co.,Ltd.) China Bao'an Group Co.,Ltd. Hard Carbon Anode Product and Services

Table 36. (Btr New Material Group Co.,Ltd.) China Bao'an Group Co.,Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. (Btr New Material Group Co.,Ltd.) China Bao'an Group Co.,Ltd. Recent Developments/Updates

Table 38. Ningbo Shanshan Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 39. Ningbo Shanshan Co., Ltd Major Business

Table 40. Ningbo Shanshan Co., Ltd Hard Carbon Anode Product and Services

Table 41. Ningbo Shanshan Co., Ltd Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Ningbo Shanshan Co., Ltd Recent Developments/Updates

Table 43. Hunan Zhongke Electric Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 44. Hunan Zhongke Electric Co., Ltd. Major Business

Table 45. Hunan Zhongke Electric Co., Ltd. Hard Carbon Anode Product and Services

Table 46. Hunan Zhongke Electric Co., Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Hunan Zhongke Electric Co., Ltd. Recent Developments/Updates

Table 48. Xiang Fenghua Basic Information, Manufacturing Base and Competitors

Table 49. Xiang Fenghua Major Business

Table 50. Xiang Fenghua Hard Carbon Anode Product and Services

Table 51. Xiang Fenghua Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Xiang Fenghua Recent Developments/Updates

Table 53. Fujian Yuanli Active Carbon Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 54. Fujian Yuanli Active Carbon Co., Ltd. Major Business

Table 55. Fujian Yuanli Active Carbon Co., Ltd. Hard Carbon Anode Product and Services

Table 56. Fujian Yuanli Active Carbon Co., Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Fujian Yuanli Active Carbon Co., Ltd. Recent Developments/Updates

Table 58. Jinan Shengquan Group Share Holding Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 59. Jinan Shengquan Group Share Holding Co.,Ltd. Major Business

Table 60. Jinan Shengquan Group Share Holding Co.,Ltd. Hard Carbon Anode Product and Services

Table 61. Jinan Shengquan Group Share Holding Co.,Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Jinan Shengquan Group Share Holding Co.,Ltd. Recent Developments/Updates

Table 63. Sunwoda Electronic Co.,Ltd. Basic Information, Manufacturing Base and Competitors

Table 64. Sunwoda Electronic Co.,Ltd. Major Business

Table 65. Sunwoda Electronic Co.,Ltd. Hard Carbon Anode Product and Services

Table 66. Sunwoda Electronic Co.,Ltd. Hard Carbon Anode Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Sunwoda Electronic Co.,Ltd. Recent Developments/Updates

Table 68. Global Hard Carbon Anode Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 69. Global Hard Carbon Anode Revenue by Manufacturer (2018-2023) & (USD Million)

Table 70. Global Hard Carbon Anode Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 71. Market Position of Manufacturers in Hard Carbon Anode, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 72. Head Office and Hard Carbon Anode Production Site of Key Manufacturer

Table 73. Hard Carbon Anode Market: Company Product Type Footprint

Table 74. Hard Carbon Anode Market: Company Product Application Footprint

Table 75. Hard Carbon Anode New Market Entrants and Barriers to Market Entry

Table 76. Hard Carbon Anode Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global Hard Carbon Anode Sales Quantity by Region (2018-2023) & (Tons)

Table 78. Global Hard Carbon Anode Sales Quantity by Region (2024-2029) & (Tons)

Table 79. Global Hard Carbon Anode Consumption Value by Region (2018-2023) & (USD Million)

Table 80. Global Hard Carbon Anode Consumption Value by Region (2024-2029) & (USD Million)

Table 81. Global Hard Carbon Anode Average Price by Region (2018-2023) & (US\$/Ton)

Table 82. Global Hard Carbon Anode Average Price by Region (2024-2029) & (US\$/Ton)

Table 83. Global Hard Carbon Anode Sales Quantity by Type (2018-2023) & (Tons)

Table 84. Global Hard Carbon Anode Sales Quantity by Type (2024-2029) & (Tons)

Table 85. Global Hard Carbon Anode Consumption Value by Type (2018-2023) & (USD Million)

Table 86. Global Hard Carbon Anode Consumption Value by Type (2024-2029) & (USD Million)

Table 87. Global Hard Carbon Anode Average Price by Type (2018-2023) & (US\$/Ton)

Table 88. Global Hard Carbon Anode Average Price by Type (2024-2029) & (US\$/Ton)

Table 89. Global Hard Carbon Anode Sales Quantity by Application (2018-2023) & (Tons)

Table 90. Global Hard Carbon Anode Sales Quantity by Application (2024-2029) & (Tons)

Table 91. Global Hard Carbon Anode Consumption Value by Application (2018-2023) & (USD Million)

Table 92. Global Hard Carbon Anode Consumption Value by Application (2024-2029) & (USD Million)

Table 93. Global Hard Carbon Anode Average Price by Application (2018-2023) & (US\$/Ton)

Table 94. Global Hard Carbon Anode Average Price by Application (2024-2029) & (US\$/Ton)

Table 95. North America Hard Carbon Anode Sales Quantity by Type (2018-2023) & (Tons)

Table 96. North America Hard Carbon Anode Sales Quantity by Type (2024-2029) & (Tons)

Table 97. North America Hard Carbon Anode Sales Quantity by Application (2018-2023) & (Tons)

Table 98. North America Hard Carbon Anode Sales Quantity by Application (2024-2029) & (Tons)

Table 99. North America Hard Carbon Anode Sales Quantity by Country (2018-2023) & (Tons)

Table 100. North America Hard Carbon Anode Sales Quantity by Country (2024-2029) & (Tons)

Table 101. North America Hard Carbon Anode Consumption Value by Country (2018-2023) & (USD Million)

Table 102. North America Hard Carbon Anode Consumption Value by Country (2024-2029) & (USD Million)

Table 103. Europe Hard Carbon Anode Sales Quantity by Type (2018-2023) & (Tons)

Table 104. Europe Hard Carbon Anode Sales Quantity by Type (2024-2029) & (Tons)

Table 105. Europe Hard Carbon Anode Sales Quantity by Application (2018-2023) & (Tons)

Table 106. Europe Hard Carbon Anode Sales Quantity by Application (2024-2029) & (Tons)

Table 107. Europe Hard Carbon Anode Sales Quantity by Country (2018-2023) & (Tons)

Table 108. Europe Hard Carbon Anode Sales Quantity by Country (2024-2029) & (Tons)

Table 109. Europe Hard Carbon Anode Consumption Value by Country (2018-2023) & (USD Million)

Table 110. Europe Hard Carbon Anode Consumption Value by Country (2024-2029) & (USD Million)

Table 111. Asia-Pacific Hard Carbon Anode Sales Quantity by Type (2018-2023) & (Tons)

Table 112. Asia-Pacific Hard Carbon Anode Sales Quantity by Type (2024-2029) & (Tons)

Table 113. Asia-Pacific Hard Carbon Anode Sales Quantity by Application (2018-2023) & (Tons)

Table 114. Asia-Pacific Hard Carbon Anode Sales Quantity by Application (2024-2029) & (Tons)

Table 115. Asia-Pacific Hard Carbon Anode Sales Quantity by Region (2018-2023) & (Tons)

Table 116. Asia-Pacific Hard Carbon Anode Sales Quantity by Region (2024-2029) &

(Tons)

Table 117. Asia-Pacific Hard Carbon Anode Consumption Value by Region (2018-2023) & (USD Million)

Table 118. Asia-Pacific Hard Carbon Anode Consumption Value by Region (2024-2029) & (USD Million)

Table 119. South America Hard Carbon Anode Sales Quantity by Type (2018-2023) & (Tons)

Table 120. South America Hard Carbon Anode Sales Quantity by Type (2024-2029) & (Tons)

Table 121. South America Hard Carbon Anode Sales Quantity by Application (2018-2023) & (Tons)

Table 122. South America Hard Carbon Anode Sales Quantity by Application (2024-2029) & (Tons)

Table 123. South America Hard Carbon Anode Sales Quantity by Country (2018-2023) & (Tons)

Table 124. South America Hard Carbon Anode Sales Quantity by Country (2024-2029) & (Tons)

Table 125. South America Hard Carbon Anode Consumption Value by Country (2018-2023) & (USD Million)

Table 126. South America Hard Carbon Anode Consumption Value by Country (2024-2029) & (USD Million)

Table 127. Middle East & Africa Hard Carbon Anode Sales Quantity by Type (2018-2023) & (Tons)

Table 128. Middle East & Africa Hard Carbon Anode Sales Quantity by Type (2024-2029) & (Tons)

Table 129. Middle East & Africa Hard Carbon Anode Sales Quantity by Application (2018-2023) & (Tons)

Table 130. Middle East & Africa Hard Carbon Anode Sales Quantity by Application (2024-2029) & (Tons)

Table 131. Middle East & Africa Hard Carbon Anode Sales Quantity by Region (2018-2023) & (Tons)

Table 132. Middle East & Africa Hard Carbon Anode Sales Quantity by Region (2024-2029) & (Tons)

Table 133. Middle East & Africa Hard Carbon Anode Consumption Value by Region (2018-2023) & (USD Million)

Table 134. Middle East & Africa Hard Carbon Anode Consumption Value by Region (2024-2029) & (USD Million)

Table 135. Hard Carbon Anode Raw Material

Table 136. Key Manufacturers of Hard Carbon Anode Raw Materials

Table 137. Hard Carbon Anode Typical Distributors

Table 138. Hard Carbon Anode Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Hard Carbon Anode Picture

Figure 2. Global Hard Carbon Anode Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Hard Carbon Anode Consumption Value Market Share by Type in 2022

Figure 4. Bio-Based Examples

Figure 5. Synthetic Polymer Based Examples

Figure 6. Fossil Fuel Based Examples

Figure 7. Global Hard Carbon Anode Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global Hard Carbon Anode Consumption Value Market Share by Application in 2022

Figure 9. Na Battery Examples

Figure 10. Super Capacitor Examples

Figure 11. Harsh Environment Batteries Examples

Figure 12. Start-Stop Battery Examples

Figure 13. Power Battery Examples

Figure 14. Global Hard Carbon Anode Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 15. Global Hard Carbon Anode Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 16. Global Hard Carbon Anode Sales Quantity (2018-2029) & (Tons)

Figure 17. Global Hard Carbon Anode Average Price (2018-2029) & (US\$/Ton)

Figure 18. Global Hard Carbon Anode Sales Quantity Market Share by Manufacturer in 2022

Figure 19. Global Hard Carbon Anode Consumption Value Market Share by Manufacturer in 2022

Figure 20. Producer Shipments of Hard Carbon Anode by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 21. Top 3 Hard Carbon Anode Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Top 6 Hard Carbon Anode Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Global Hard Carbon Anode Sales Quantity Market Share by Region (2018-2029)

Figure 24. Global Hard Carbon Anode Consumption Value Market Share by Region

(2018-2029)

Figure 25. North America Hard Carbon Anode Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe Hard Carbon Anode Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific Hard Carbon Anode Consumption Value (2018-2029) & (USD Million)

Figure 28. South America Hard Carbon Anode Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa Hard Carbon Anode Consumption Value (2018-2029) & (USD Million)

Figure 30. Global Hard Carbon Anode Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global Hard Carbon Anode Consumption Value Market Share by Type (2018-2029)

Figure 32. Global Hard Carbon Anode Average Price by Type (2018-2029) & (US\$/Ton)

Figure 33. Global Hard Carbon Anode Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global Hard Carbon Anode Consumption Value Market Share by Application (2018-2029)

Figure 35. Global Hard Carbon Anode Average Price by Application (2018-2029) & (US\$/Ton)

Figure 36. North America Hard Carbon Anode Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America Hard Carbon Anode Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America Hard Carbon Anode Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America Hard Carbon Anode Consumption Value Market Share by Country (2018-2029)

Figure 40. United States Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Europe Hard Carbon Anode Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe Hard Carbon Anode Sales Quantity Market Share by Application

(2018-2029)

Figure 45. Europe Hard Carbon Anode Sales Quantity Market Share by Country

(2018-2029)

Figure 46. Europe Hard Carbon Anode Consumption Value Market Share by Country

(2018-2029)

Figure 47. Germany Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 48. France Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 49. United Kingdom Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 50. Russia Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 51. Italy Hard Carbon Anode Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 52. Asia-Pacific Hard Carbon Anode Sales Quantity Market Share by Type

(2018-2029)

Figure 53. Asia-Pacific Hard Carbon Anode Sales Quantity Market Share by Application

(2018-2029)

Figure 54. Asia-Pacific Hard Carbon Anode Sales Quantity Market Share by Region

(2018-2029)

Figure 55. Asia-Pacific Hard Carbon Anode Consumption Value Market Share by

Region (2018-2029)

Figure 56. China Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 57. Japan Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 58. Korea Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 59. India Hard Carbon Anode Consumption Value and Growth Rate (2018-2029)

& (USD Million)

Figure 60. Southeast Asia Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 61. Australia Hard Carbon Anode Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 62. South America Hard Carbon Anode Sales Quantity Market Share by Type

(2018-2029)

Figure 63. South America Hard Carbon Anode Sales Quantity Market Share by

Application (2018-2029)

Figure 64. South America Hard Carbon Anode Sales Quantity Market Share by Country (2018-2029)

Figure 65. South America Hard Carbon Anode Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa Hard Carbon Anode Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa Hard Carbon Anode Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa Hard Carbon Anode Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa Hard Carbon Anode Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa Hard Carbon Anode Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Hard Carbon Anode Market Drivers

Figure 77. Hard Carbon Anode Market Restraints

Figure 78. Hard Carbon Anode Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Hard Carbon Anode in 2022

Figure 81. Manufacturing Process Analysis of Hard Carbon Anode

Figure 82. Hard Carbon Anode Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

I would like to order

Product name: Global Hard Carbon Anode Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G60484BF8CCAEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G60484BF8CCAEN.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

