

# Global Hard Carbon Materials for Na-ion Battery Market Growth 2022-2028

<https://marketpublishers.com/r/GC650D2B3130EN.html>

Date: October 2022

Pages: 73

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

ID: GC650D2B3130EN

## Abstracts

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

The global market for Hard Carbon Materials for Na-ion Battery is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Hard Carbon Materials for Na-ion Battery market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Hard Carbon Materials for Na-ion Battery market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Hard Carbon Materials for Na-ion Battery market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Hard Carbon Materials for Na-ion Battery market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Hard Carbon Materials for Na-ion Battery players cover Kuraray, Chengdu BSG, HiNa Battery and BRT, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Hard Carbon Materials for Na-ion Battery market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Hard Carbon Materials for Na-ion Battery market, with both quantitative and qualitative data, to help readers understand how the Hard Carbon Materials for Na-ion Battery market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

#### Market Segmentation:

The study segments the Hard Carbon Materials for Na-ion Battery market and forecasts the market size by Type (Bio-based, Petroleum-based and Other), by Application (Commercial Use and R&D Use.), and region (APAC, Americas, Europe, and Middle East & Africa).

#### Segmentation by type

Bio-based

Petroleum-based

Other

#### Segmentation by application

Commercial Use

R&D Use

#### Segmentation 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

#### Major companies covered

Kuraray

Chengdu BSG

HiNa Battery

BRT

#### Chapter Introduction

Chapter 1: Scope of Hard Carbon Materials for Na-ion Battery, Research Methodology, etc.

Chapter 2: Executive Summary, global Hard Carbon Materials for Na-ion Battery market size (sales and revenue) and CAGR, Hard Carbon Materials for Na-ion Battery market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Hard Carbon Materials for Na-ion Battery sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Hard Carbon Materials for Na-ion Battery sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Hard Carbon Materials for Na-ion Battery market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Kuraray, Chengdu BSG, HiNa Battery and BRT, etc.

Chapter 14: Research Findings and Conclusion

## 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

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Hard Carbon Materials for Na-ion Battery Annual Sales 2017-2028
  - 2.1.2 World Current & Future Analysis for Hard Carbon Materials for Na-ion Battery by Geographic Region, 2017, 2022 & 2028
  - 2.1.3 World Current & Future Analysis for Hard Carbon Materials for Na-ion Battery by Country/Region, 2017, 2022 & 2028
- 2.2 Hard Carbon Materials for Na-ion Battery Segment by Type
  - 2.2.1 Bio-based
  - 2.2.2 Petroleum-based
  - 2.2.3 Other
- 2.3 Hard Carbon Materials for Na-ion Battery Sales by Type
  - 2.3.1 Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Type (2017-2022)
  - 2.3.2 Global Hard Carbon Materials for Na-ion Battery Revenue and Market Share by Type (2017-2022)
  - 2.3.3 Global Hard Carbon Materials for Na-ion Battery Sale Price by Type (2017-2022)
- 2.4 Hard Carbon Materials for Na-ion Battery Segment by Application
  - 2.4.1 Commercial Use
  - 2.4.2 R&D Use
- 2.5 Hard Carbon Materials for Na-ion Battery Sales by Application
  - 2.5.1 Global Hard Carbon Materials for Na-ion Battery Sale Market Share by Application (2017-2022)
  - 2.5.2 Global Hard Carbon Materials for Na-ion Battery Revenue and Market Share by Application (2017-2022)
  - 2.5.3 Global Hard Carbon Materials for Na-ion Battery Sale Price by Application

(2017-2022)

### **3 GLOBAL HARD CARBON MATERIALS FOR NA-ION BATTERY BY COMPANY**

#### 3.1 Global Hard Carbon Materials for Na-ion Battery Breakdown Data by Company

3.1.1 Global Hard Carbon Materials for Na-ion Battery Annual Sales by Company (2020-2022)

3.1.2 Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Company (2020-2022)

3.2 Global Hard Carbon Materials for Na-ion Battery Annual Revenue by Company (2020-2022)

3.2.1 Global Hard Carbon Materials for Na-ion Battery Revenue by Company (2020-2022)

3.2.2 Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Company (2020-2022)

3.3 Global Hard Carbon Materials for Na-ion Battery Sale Price by Company

3.4 Key Manufacturers Hard Carbon Materials for Na-ion Battery Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Hard Carbon Materials for Na-ion Battery Product Location Distribution

3.4.2 Players Hard Carbon Materials for Na-ion Battery Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

### **4 WORLD HISTORIC REVIEW FOR HARD CARBON MATERIALS FOR NA-ION BATTERY BY GEOGRAPHIC REGION**

4.1 World Historic Hard Carbon Materials for Na-ion Battery Market Size by Geographic Region (2017-2022)

4.1.1 Global Hard Carbon Materials for Na-ion Battery Annual Sales by Geographic Region (2017-2022)

4.1.2 Global Hard Carbon Materials for Na-ion Battery Annual Revenue by Geographic Region

4.2 World Historic Hard Carbon Materials for Na-ion Battery Market Size by Country/Region (2017-2022)

4.2.1 Global Hard Carbon Materials for Na-ion Battery Annual Sales by

## Country/Region (2017-2022)

- 4.2.2 Global Hard Carbon Materials for Na-ion Battery Annual Revenue by Country/Region
- 4.3 Americas Hard Carbon Materials for Na-ion Battery Sales Growth
- 4.4 APAC Hard Carbon Materials for Na-ion Battery Sales Growth
- 4.5 Europe Hard Carbon Materials for Na-ion Battery Sales Growth
- 4.6 Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales Growth

## **5 AMERICAS**

- 5.1 Americas Hard Carbon Materials for Na-ion Battery Sales by Country
  - 5.1.1 Americas Hard Carbon Materials for Na-ion Battery Sales by Country (2017-2022)
  - 5.1.2 Americas Hard Carbon Materials for Na-ion Battery Revenue by Country (2017-2022)
- 5.2 Americas Hard Carbon Materials for Na-ion Battery Sales by Type
- 5.3 Americas Hard Carbon Materials for Na-ion Battery Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Hard Carbon Materials for Na-ion Battery Sales by Region
  - 6.1.1 APAC Hard Carbon Materials for Na-ion Battery Sales by Region (2017-2022)
  - 6.1.2 APAC Hard Carbon Materials for Na-ion Battery Revenue by Region (2017-2022)
- 6.2 APAC Hard Carbon Materials for Na-ion Battery Sales by Type
- 6.3 APAC Hard Carbon Materials for Na-ion Battery 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 Hard Carbon Materials for Na-ion Battery by Country

7.1.1 Europe Hard Carbon Materials for Na-ion Battery Sales by Country (2017-2022)

7.1.2 Europe Hard Carbon Materials for Na-ion Battery Revenue by Country (2017-2022)

## 7.2 Europe Hard Carbon Materials for Na-ion Battery Sales by Type

## 7.3 Europe Hard Carbon Materials for Na-ion Battery 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 Hard Carbon Materials for Na-ion Battery by Country

8.1.1 Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales by Country (2017-2022)

8.1.2 Middle East & Africa Hard Carbon Materials for Na-ion Battery Revenue by Country (2017-2022)

## 8.2 Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales by Type

## 8.3 Middle East & Africa Hard Carbon Materials for Na-ion Battery 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 Hard Carbon Materials for Na-ion Battery

## 10.3 Manufacturing Process Analysis of Hard Carbon Materials for Na-ion Battery

## 10.4 Industry Chain Structure of Hard Carbon Materials for Na-ion Battery

# 11 MARKETING, DISTRIBUTORS AND CUSTOMER

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 Hard Carbon Materials for Na-ion Battery Distributors

## 11.3 Hard Carbon Materials for Na-ion Battery Customer

# 12 WORLD FORECAST REVIEW FOR HARD CARBON MATERIALS FOR NA-ION BATTERY BY GEOGRAPHIC REGION

## 12.1 Global Hard Carbon Materials for Na-ion Battery Market Size Forecast by Region

### 12.1.1 Global Hard Carbon Materials for Na-ion Battery Forecast by Region (2023-2028)

### 12.1.2 Global Hard Carbon Materials for Na-ion Battery Annual Revenue Forecast by Region (2023-2028)

## 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 Hard Carbon Materials for Na-ion Battery Forecast by Type

## 12.7 Global Hard Carbon Materials for Na-ion Battery Forecast by Application

# 13 KEY PLAYERS ANALYSIS

## 13.1 Kuraray

### 13.1.1 Kuraray Company Information

### 13.1.2 Kuraray Hard Carbon Materials for Na-ion Battery Product Offered

### 13.1.3 Kuraray Hard Carbon Materials for Na-ion Battery Sales, Revenue, Price and Gross Margin (2020-2022)

### 13.1.4 Kuraray Main Business Overview

### 13.1.5 Kuraray Latest Developments

## 13.2 Chengdu BSG

### 13.2.1 Chengdu BSG Company Information

### 13.2.2 Chengdu BSG Hard Carbon Materials for Na-ion Battery Product Offered

### 13.2.3 Chengdu BSG Hard Carbon Materials for Na-ion Battery Sales, Revenue, Price and Gross Margin (2020-2022)

13.2.4 Chengdu BSG Main Business Overview

13.2.5 Chengdu BSG Latest Developments

13.3 HiNa Battery

13.3.1 HiNa Battery Company Information

13.3.2 HiNa Battery Hard Carbon Materials for Na-ion Battery Product Offered

13.3.3 HiNa Battery Hard Carbon Materials for Na-ion Battery Sales, Revenue, Price and Gross Margin (2020-2022)

13.3.4 HiNa Battery Main Business Overview

13.3.5 HiNa Battery Latest Developments

13.4 BRT

13.4.1 BRT Company Information

13.4.2 BRT Hard Carbon Materials for Na-ion Battery Product Offered

13.4.3 BRT Hard Carbon Materials for Na-ion Battery Sales, Revenue, Price and Gross Margin (2020-2022)

13.4.4 BRT Main Business Overview

13.4.5 BRT Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Hard Carbon Materials for Na-ion Battery Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)

Table 2. Hard Carbon Materials for Na-ion Battery Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)

Table 3. Major Players of Bio-based

Table 4. Major Players of Petroleum-based

Table 5. Major Players of Other

Table 6. Global Hard Carbon Materials for Na-ion Battery Sales by Type (2017-2022) & (Tons)

Table 7. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Type (2017-2022)

Table 8. Global Hard Carbon Materials for Na-ion Battery Revenue by Type (2017-2022) & (\$ million)

Table 9. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Type (2017-2022)

Table 10. Global Hard Carbon Materials for Na-ion Battery Sale Price by Type (2017-2022) & (US\$/Ton)

Table 11. Global Hard Carbon Materials for Na-ion Battery Sales by Application (2017-2022) & (Tons)

Table 12. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Application (2017-2022)

Table 13. Global Hard Carbon Materials for Na-ion Battery Revenue by Application (2017-2022)

Table 14. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Application (2017-2022)

Table 15. Global Hard Carbon Materials for Na-ion Battery Sale Price by Application (2017-2022) & (US\$/Ton)

Table 16. Global Hard Carbon Materials for Na-ion Battery Sales by Company (2020-2022) & (Tons)

Table 17. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Company (2020-2022)

Table 18. Global Hard Carbon Materials for Na-ion Battery Revenue by Company (2020-2022) (\$ Millions)

Table 19. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Company (2020-2022)

Table 20. Global Hard Carbon Materials for Na-ion Battery Sale Price by Company (2020-2022) & (US\$/Ton)

Table 21. Key Manufacturers Hard Carbon Materials for Na-ion Battery Producing Area Distribution and Sales Area

Table 22. Players Hard Carbon Materials for Na-ion Battery Products Offered

Table 23. Hard Carbon Materials for Na-ion Battery Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Hard Carbon Materials for Na-ion Battery Sales by Geographic Region (2017-2022) & (Tons)

Table 27. Global Hard Carbon Materials for Na-ion Battery Sales Market Share Geographic Region (2017-2022)

Table 28. Global Hard Carbon Materials for Na-ion Battery Revenue by Geographic Region (2017-2022) & (\$ millions)

Table 29. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Geographic Region (2017-2022)

Table 30. Global Hard Carbon Materials for Na-ion Battery Sales by Country/Region (2017-2022) & (Tons)

Table 31. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Country/Region (2017-2022)

Table 32. Global Hard Carbon Materials for Na-ion Battery Revenue by Country/Region (2017-2022) & (\$ millions)

Table 33. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country/Region (2017-2022)

Table 34. Americas Hard Carbon Materials for Na-ion Battery Sales by Country (2017-2022) & (Tons)

Table 35. Americas Hard Carbon Materials for Na-ion Battery Sales Market Share by Country (2017-2022)

Table 36. Americas Hard Carbon Materials for Na-ion Battery Revenue by Country (2017-2022) & (\$ Millions)

Table 37. Americas Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country (2017-2022)

Table 38. Americas Hard Carbon Materials for Na-ion Battery Sales by Type (2017-2022) & (Tons)

Table 39. Americas Hard Carbon Materials for Na-ion Battery Sales Market Share by Type (2017-2022)

Table 40. Americas Hard Carbon Materials for Na-ion Battery Sales by Application (2017-2022) & (Tons)

Table 41. Americas Hard Carbon Materials for Na-ion Battery Sales Market Share by Application (2017-2022)

Table 42. APAC Hard Carbon Materials for Na-ion Battery Sales by Region (2017-2022) & (Tons)

Table 43. APAC Hard Carbon Materials for Na-ion Battery Sales Market Share by Region (2017-2022)

Table 44. APAC Hard Carbon Materials for Na-ion Battery Revenue by Region (2017-2022) & (\$ Millions)

Table 45. APAC Hard Carbon Materials for Na-ion Battery Revenue Market Share by Region (2017-2022)

Table 46. APAC Hard Carbon Materials for Na-ion Battery Sales by Type (2017-2022) & (Tons)

Table 47. APAC Hard Carbon Materials for Na-ion Battery Sales Market Share by Type (2017-2022)

Table 48. APAC Hard Carbon Materials for Na-ion Battery Sales by Application (2017-2022) & (Tons)

Table 49. APAC Hard Carbon Materials for Na-ion Battery Sales Market Share by Application (2017-2022)

Table 50. Europe Hard Carbon Materials for Na-ion Battery Sales by Country (2017-2022) & (Tons)

Table 51. Europe Hard Carbon Materials for Na-ion Battery Sales Market Share by Country (2017-2022)

Table 52. Europe Hard Carbon Materials for Na-ion Battery Revenue by Country (2017-2022) & (\$ Millions)

Table 53. Europe Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country (2017-2022)

Table 54. Europe Hard Carbon Materials for Na-ion Battery Sales by Type (2017-2022) & (Tons)

Table 55. Europe Hard Carbon Materials for Na-ion Battery Sales Market Share by Type (2017-2022)

Table 56. Europe Hard Carbon Materials for Na-ion Battery Sales by Application (2017-2022) & (Tons)

Table 57. Europe Hard Carbon Materials for Na-ion Battery Sales Market Share by Application (2017-2022)

Table 58. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales by Country (2017-2022) & (Tons)

Table 59. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales Market Share by Country (2017-2022)

Table 60. Middle East & Africa Hard Carbon Materials for Na-ion Battery Revenue by

Country (2017-2022) & (\$ Millions)

Table 61. Middle East & Africa Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country (2017-2022)

Table 62. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales by Type (2017-2022) & (Tons)

Table 63. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales Market Share by Type (2017-2022)

Table 64. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales by Application (2017-2022) & (Tons)

Table 65. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales Market Share by Application (2017-2022)

Table 66. Key Market Drivers & Growth Opportunities of Hard Carbon Materials for Na-ion Battery

Table 67. Key Market Challenges & Risks of Hard Carbon Materials for Na-ion Battery

Table 68. Key Industry Trends of Hard Carbon Materials for Na-ion Battery

Table 69. Hard Carbon Materials for Na-ion Battery Raw Material

Table 70. Key Suppliers of Raw Materials

Table 71. Hard Carbon Materials for Na-ion Battery Distributors List

Table 72. Hard Carbon Materials for Na-ion Battery Customer List

Table 73. Global Hard Carbon Materials for Na-ion Battery Sales Forecast by Region (2023-2028) & (Tons)

Table 74. Global Hard Carbon Materials for Na-ion Battery Sales Market Forecast by Region

Table 75. Global Hard Carbon Materials for Na-ion Battery Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 76. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share Forecast by Region (2023-2028)

Table 77. Americas Hard Carbon Materials for Na-ion Battery Sales Forecast by Country (2023-2028) & (Tons)

Table 78. Americas Hard Carbon Materials for Na-ion Battery Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 79. APAC Hard Carbon Materials for Na-ion Battery Sales Forecast by Region (2023-2028) & (Tons)

Table 80. APAC Hard Carbon Materials for Na-ion Battery Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 81. Europe Hard Carbon Materials for Na-ion Battery Sales Forecast by Country (2023-2028) & (Tons)

Table 82. Europe Hard Carbon Materials for Na-ion Battery Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 83. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales Forecast by Country (2023-2028) & (Tons)

Table 84. Middle East & Africa Hard Carbon Materials for Na-ion Battery Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 85. Global Hard Carbon Materials for Na-ion Battery Sales Forecast by Type (2023-2028) & (Tons)

Table 86. Global Hard Carbon Materials for Na-ion Battery Sales Market Share Forecast by Type (2023-2028)

Table 87. Global Hard Carbon Materials for Na-ion Battery Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 88. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share Forecast by Type (2023-2028)

Table 89. Global Hard Carbon Materials for Na-ion Battery Sales Forecast by Application (2023-2028) & (Tons)

Table 90. Global Hard Carbon Materials for Na-ion Battery Sales Market Share Forecast by Application (2023-2028)

Table 91. Global Hard Carbon Materials for Na-ion Battery Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 92. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share Forecast by Application (2023-2028)

Table 93. Kuraray Basic Information, Hard Carbon Materials for Na-ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 94. Kuraray Hard Carbon Materials for Na-ion Battery Product Offered

Table 95. Kuraray Hard Carbon Materials for Na-ion Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 96. Kuraray Main Business

Table 97. Kuraray Latest Developments

Table 98. Chengdu BSG Basic Information, Hard Carbon Materials for Na-ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 99. Chengdu BSG Hard Carbon Materials for Na-ion Battery Product Offered

Table 100. Chengdu BSG Hard Carbon Materials for Na-ion Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 101. Chengdu BSG Main Business

Table 102. Chengdu BSG Latest Developments

Table 103. HiNa Battery Basic Information, Hard Carbon Materials for Na-ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 104. HiNa Battery Hard Carbon Materials for Na-ion Battery Product Offered

Table 105. HiNa Battery Hard Carbon Materials for Na-ion Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)



Table 106. HiNa Battery Main Business

Table 107. HiNa Battery Latest Developments

Table 108. BRT Basic Information, Hard Carbon Materials for Na-ion Battery Manufacturing Base, Sales Area and Its Competitors

Table 109. BRT Hard Carbon Materials for Na-ion Battery Product Offered

Table 110. BRT Hard Carbon Materials for Na-ion Battery Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2022)

Table 111. BRT Main Business

Table 112. BRT Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Hard Carbon Materials for Na-ion Battery

Figure 2. Hard Carbon Materials for Na-ion Battery Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Hard Carbon Materials for Na-ion Battery Sales Growth Rate 2017-2028 (Tons)

Figure 7. Global Hard Carbon Materials for Na-ion Battery Revenue Growth Rate 2017-2028 (\$ Millions)

Figure 8. Hard Carbon Materials for Na-ion Battery Sales by Region (2021 & 2028) & (\$ millions)

Figure 9. Product Picture of Bio-based

Figure 10. Product Picture of Petroleum-based

Figure 11. Product Picture of Other

Figure 12. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Type in 2021

Figure 13. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Type (2017-2022)

Figure 14. Hard Carbon Materials for Na-ion Battery Consumed in Commercial Use

Figure 15. Global Hard Carbon Materials for Na-ion Battery Market: Commercial Use (2017-2022) & (Tons)

Figure 16. Hard Carbon Materials for Na-ion Battery Consumed in R&D Use

Figure 17. Global Hard Carbon Materials for Na-ion Battery Market: R&D Use (2017-2022) & (Tons)

Figure 18. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Application (2017-2022)

Figure 19. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Application in 2021

Figure 20. Hard Carbon Materials for Na-ion Battery Revenue Market by Company in 2021 (\$ Million)

Figure 21. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Company in 2021

Figure 22. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Geographic Region (2017-2022)

Figure 23. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by

Geographic Region in 2021

Figure 24. Global Hard Carbon Materials for Na-ion Battery Sales Market Share by Region (2017-2022)

Figure 25. Global Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country/Region in 2021

Figure 26. Americas Hard Carbon Materials for Na-ion Battery Sales 2017-2022 (Tons)

Figure 27. Americas Hard Carbon Materials for Na-ion Battery Revenue 2017-2022 (\$ Millions)

Figure 28. APAC Hard Carbon Materials for Na-ion Battery Sales 2017-2022 (Tons)

Figure 29. APAC Hard Carbon Materials for Na-ion Battery Revenue 2017-2022 (\$ Millions)

Figure 30. Europe Hard Carbon Materials for Na-ion Battery Sales 2017-2022 (Tons)

Figure 31. Europe Hard Carbon Materials for Na-ion Battery Revenue 2017-2022 (\$ Millions)

Figure 32. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales 2017-2022 (Tons)

Figure 33. Middle East & Africa Hard Carbon Materials for Na-ion Battery Revenue 2017-2022 (\$ Millions)

Figure 34. Americas Hard Carbon Materials for Na-ion Battery Sales Market Share by Country in 2021

Figure 35. Americas Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country in 2021

Figure 36. United States Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 37. Canada Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 38. Mexico Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 39. Brazil Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 40. APAC Hard Carbon Materials for Na-ion Battery Sales Market Share by Region in 2021

Figure 41. APAC Hard Carbon Materials for Na-ion Battery Revenue Market Share by Regions in 2021

Figure 42. China Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 43. Japan Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 44. South Korea Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 45. Southeast Asia Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 46. India Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022

(\$ Millions)

Figure 47. Australia Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 48. Europe Hard Carbon Materials for Na-ion Battery Sales Market Share by Country in 2021

Figure 49. Europe Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country in 2021

Figure 50. Germany Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 51. France Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 52. UK Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 53. Italy Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022

(\$ Millions)

Figure 54. Russia Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 55. Middle East & Africa Hard Carbon Materials for Na-ion Battery Sales Market Share by Country in 2021

Figure 56. Middle East & Africa Hard Carbon Materials for Na-ion Battery Revenue Market Share by Country in 2021

Figure 57. Egypt Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 58. South Africa Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 59. Israel Hard Carbon Materials for Na-ion Battery Revenue Growth 2017-2022 (\$ Millions)

Figure 60. Turkey Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 61. GCC Country Hard Carbon Materials for Na-ion Battery Revenue Growth

2017-2022 (\$ Millions)

Figure 62. Manufacturing Cost Structure Analysis of Hard Carbon Materials for Na-ion Battery in 2021

Figure 63. Manufacturing Process Analysis of Hard Carbon Materials for Na-ion Battery

Figure 64. Industry Chain Structure of Hard Carbon Materials for Na-ion Battery

Figure 65. Channels of Distribution

Figure 66. Distributors Profiles

## I would like to order

Product name: Global Hard Carbon Materials for Na-ion Battery Market Growth 2022-2028

Product link: <https://marketpublishers.com/r/GC650D2B3130EN.html>

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

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GC650D2B3130EN.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