

# Global Hard Carbon for Batteries Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Hard Carbon for Batteries market size is expected to reach \$ 912 million by 2032, rising at a market growth of 24.4% CAGR during the forecast period (2026-2032).

Hard carbon is a solid form of carbon that cannot be converted to graphite by heat-treatment, even at temperatures as high as 3000°C. It is also known as char, or non-graphitizing carbon. More colloquially it can be described as charcoal. Hard carbon is produced by heating carbonaceous precursors to approximately 1000°C in the absence of oxygen. Among the precursors for hard carbon are polyvinylidene chloride (PVDC), lignin and sucrose. Other precursors, such as polyvinyl chloride (PVC) and petroleum coke, produce soft carbon, or graphitizing carbon. Soft carbon can be readily converted to graphite by heating to 3000°C. In 2024, global demand for hard carbon will exceed 10,000 tons, with an average price of more than US\$10,000 per ton.

This report studies the global Hard Carbon for Batteries production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Hard Carbon for Batteries and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Hard Carbon for Batteries that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Hard Carbon for Batteries total production and demand, 2021-2032, (Tons)

Global Hard Carbon for Batteries total production value, 2021-2032, (USD Million)

Global Hard Carbon for Batteries production by region & country, production, value,

CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)  
Global Hard Carbon for Batteries consumption by region & country, CAGR, 2021-2032 & (Tons)  
U.S. VS China: Hard Carbon for Batteries domestic production, consumption, key domestic manufacturers and share  
Global Hard Carbon for Batteries production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)  
Global Hard Carbon for Batteries production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)  
Global Hard Carbon for Batteries production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Hard Carbon for Batteries 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, Shengquan Group, HiNa Battery Technology, Best Graphite, BRT, Shanshan, Xiangfenghua, Putailai, Jiangxi Zeto, Iopsilion, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Hard Carbon for Batteries market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Hard Carbon for Batteries Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Hard Carbon for Batteries Market, Segmentation by Type:

Sodium Ion Battery Hard Carbon

Lithium Ion Battery Hard Carbon

#### Global Hard Carbon for Batteries Market, Segmentation by Type of Downstream Battery:

Large Capacity Oriented Type

Fast Charging Oriented Type

Low Cost Oriented Type

#### Global Hard Carbon for Batteries Market, Segmentation by Application:

Vehicle Power

E-bike/Electric Motorcycle

Energy Storage

Consumer Products

**Companies Profiled:**

Kuraray

Shengquan Group

HiNa Battery Technology

Best Graphite

BRT

Shanshan

Xiangfenghua

Putailai

Jiangxi Zeto

Ipsilon

Kaijin New Energy

Fujian Yuanli

Fujian Xinsen Carbon

Jiangxi Kete Carbon-based New Materials

Shenzhen Huamingsheng New Materials

Guangdong Hongyu Group

Guoke Tanmei New Materials (Huzhou) Co., Ltd

JiangXi ZiChen Technology

SVOLT Energy Technology Co., Ltd

Guangdong Rongna New Energy Technology

Key Questions Answered:

1. How big is the global Hard Carbon for Batteries market?
2. What is the demand of the global Hard Carbon for Batteries market?
3. What is the year over year growth of the global Hard Carbon for Batteries market?
4. What is the production and production value of the global Hard Carbon for Batteries market?
5. Who are the key producers in the global Hard Carbon for Batteries market?
6. What are the growth factors driving the market demand?

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