

Global Lithium Battery Recycled Black Powder Market Growth (Status and Outlook) 2026-2032

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Abstracts

The global Lithium Battery Recycled Black Powder market size is predicted to grow from US\$ 1336 million in 2025 to US\$ 3209 million in 2032; it is expected to grow at a CAGR of 13.6% from 2026 to 2032.

Lithium Battery Recycled Black Powder is the black powder extracted from spent lithium batteries, rich in valuable metals such as nickel, cobalt, and lithium, serving as a key intermediate product in battery recycling; the industry chain includes upstream spent battery collection and suppliers such as Brunp Recycling, and Ganfeng Lithium, midstream resource extraction and refining, and downstream manufacturers of power batteries, consumer electronics batteries, and energy storage batteries such as Panasonic, Samsung SDI, and CATL, with an average gross margin of approximately 48% in 2024.

With the rapid growth of new energy vehicles, energy storage systems, and portable electronic devices, lithium battery recycled black powder, as a key intermediate rich in strategic metals such as nickel, cobalt, and lithium, is experiencing steadily increasing market demand. Its high metal recovery rate and excellent material performance provide significant value in reducing raw material costs, securing supply, and promoting the circular economy. Over the next five to ten years, policy support, technological advances, and environmental requirements are expected to further unlock industry potential, positioning lithium battery recycled black powder as a core component in the global battery recycling ecosystem, driving supply chain optimization and generating substantial economic and sustainable development benefits.

LPI (LP Information)' newest research report, the "Lithium Battery Recycled Black Powder Industry Forecast" looks at past sales and reviews total world Lithium Battery

Recycled Black Powder sales in 2025, providing a comprehensive analysis by region and market sector of projected Lithium Battery Recycled Black Powder sales for 2026 through 2032. With Lithium Battery Recycled Black Powder sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Lithium Battery Recycled Black Powder industry.

This Insight Report provides a comprehensive analysis of the global Lithium Battery Recycled Black Powder landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Lithium Battery Recycled Black Powder portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Lithium Battery Recycled Black Powder market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Lithium Battery Recycled Black Powder and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Lithium Battery Recycled Black Powder.

This report presents a comprehensive overview, market shares, and growth opportunities of Lithium Battery Recycled Black Powder market by product type, application, key players and key regions and countries.

Segmentation by Type:

Ternary Lithium Cathode

LiFePO₄ Cathode

Others

Segmentation by Technology:

Dry Method

Wet Method

Others

Segmentation by Application:

Power Battery

Consumer Electronics Battery

Energy Storage Battery

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Umicore

Hydrovolt

Li-Cycle

Miracle Automation Engineering

China Resources Recycling Group

Sinochem Group

Ganzhou Longkai Technology

Cirba Solutions

RecycLiCo Battery Materials

GEM

Redwood Materials

Princeton NuEnergy

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