

# Global LFP Battery Recycled Black Mass Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global LFP Battery Recycled Black Mass market size is expected to reach \$ 3129 million by 2032, rising at a market growth of 12.5% CAGR during the forecast period (2026-2032).

LFP Battery Recycled Black Mass refers to the black fine particulate mixture primarily composed of lithium iron phosphate active material, along with minor graphite and residual components, obtained after end-of-life LFP batteries undergo discharge, dismantling, shredding, pyrolysis, and precision separation to effectively remove casings, separators, copper/aluminum current collectors, and other non-active fractions. In 2025, the segment achieved a capacity utilization rate of 70% and an average industry gross margin of approximately 48%. Production reached approximately 917,000 tons at an average price of USD 1,450 per ton. The upstream is driven by core equipment suppliers such as Dalian Environmental Protection, Jiebang Precision, Miracle Automation, and STEINERT GmbH (Germany), providing shredding, separation, and pyrolysis systems. The midstream focuses on precise black mass preparation, enrichment of lithium and iron, and deep impurity removal to enable high-efficiency material regeneration. Downstream applications span electric vehicle traction batteries and large-scale energy storage systems, with key customers including BYD, CATL, Gotion High-Tech, Tesla, and Fluence.

This report studies the global LFP Battery Recycled Black Mass production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for LFP Battery Recycled Black Mass 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 LFP Battery Recycled Black Mass that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global LFP Battery Recycled Black Mass total production and demand, 2021-2032, (Tons)

Global LFP Battery Recycled Black Mass total production value, 2021-2032, (USD Million)

Global LFP Battery Recycled Black Mass production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global LFP Battery Recycled Black Mass consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: LFP Battery Recycled Black Mass domestic production, consumption, key domestic manufacturers and share

Global LFP Battery Recycled Black Mass production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global LFP Battery Recycled Black Mass production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global LFP Battery Recycled Black Mass production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global LFP Battery Recycled Black Mass 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 Brunp Recycling, Ganfeng Lithium, GEM, Miracle Automation Engineering, CNGR Advanced Material, Zhejiang Guanghua Technology, Redwood Materials, Glencore, Ganzhou Longkai Technology, Huayou Cobalt, 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 LFP Battery Recycled Black Mass 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 LFP Battery Recycled Black Mass Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global LFP Battery Recycled Black Mass Market, Segmentation by Type:

LFP-?A

LFP-?B

#### Global LFP Battery Recycled Black Mass Market, Segmentation by Technology:

Pyrometallurgical Smelting

Hydrometallurgical Recovery

#### Global LFP Battery Recycled Black Mass Market, Segmentation by Content:

2.0%? Li?O

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