

Global Lithium Battery Recycled Black Powder Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GFEBB448CCB8EN.html>

Date: August 2026

Pages: 119

Price: US\$ 4,480.00 (Single User License)

ID: GFEBB448CCB8EN

Abstracts

The global Lithium Battery Recycled Black Powder market size is expected to reach \$ 5538 million by 2032, rising at a market growth of 12.5% CAGR during the forecast period (2026-2032).

Lithium Battery Recycled Black Powder refers to the fine mixed powder of cathode and anode active materials generated after spent lithium batteries and battery manufacturing scrap undergo discharge, dismantling, crushing, thermal treatment, and multi-stage physical separation. It is produced after removing casings, separators, copper and aluminum current collectors, and can concentrate recoverable components such as lithium, nickel, cobalt, manganese, iron phosphate active materials, and graphite. In 2025, the industry's capacity utilization rate reached 73%, and the average gross margin was around 50%. In 2025, production was about 1.08 million tons and the average price was USD 2180 per ton. The upstream segment mainly consists of specialized battery recycling equipment manufacturers, with representative suppliers including STEINERT, Batrium, Zhejiang Tianchang Intelligent Manufacturing Co., Ltd., and Brunp Recycling Equipment Division. The midstream segment focuses on black powder preparation, composition adjustment, and deep impurity removal, covering core processes such as fine crushing, pyrolysis, screening, magnetic separation, and metal-element enrichment. Downstream, the product is mainly used in regenerated cathode material manufacturing for power batteries and energy storage batteries, with typical customers including CATL, BYD, LG Energy Solution, and Tesla.

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.

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

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

Highlights and key features of the study

Global Lithium Battery Recycled Black Powder total production and demand, 2021-2032, (Tons)

Global Lithium Battery Recycled Black Powder total production value, 2021-2032, (USD Million)

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

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

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

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

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

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

This report profiles key players in the global Lithium Battery Recycled Black Powder 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 (China), GEM (China), Umicore (Belgium), Redwood Materials (USA), Huayou Cobalt (China), SungEel HiTech (South Korea), POSCO HY Clean Metal (South Korea), Hydrovolt (Norway), Ascend Elements (USA), Cirba Solutions (USA), 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 Lithium Battery Recycled Black Powder 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 Lithium Battery Recycled Black Powder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Lithium Battery Recycled Black Powder Market, Segmentation by Type:

Ternary Lithium Cathode

LiFePO₄ Cathode

Others

Global Lithium Battery Recycled Black Powder Market, Segmentation by Technology:

Dry Method

Wet Method

Others

Global Lithium Battery Recycled Black Powder Market, Segmentation by Content:

2.0%?Li?3.50%

Li?3.5%

Others

Global Lithium Battery Recycled Black Powder Market, Segmentation by Application:

Power Battery

Consumer Electronics Battery

Energy Storage Battery

Others

Companies Profiled:

Brunp Recycling (China)

GEM (China)

Umicore (Belgium)

Redwood Materials (USA)

Huayou Cobalt (China)

SungEel HiTech (South Korea)

POSCO HY Clean Metal (South Korea)

Hydrovolt (Norway)

Ascend Elements (USA)

Cirba Solutions (USA)

Ecobat (USA)

Fortum Battery Solutions (Finland)

Duesenfeld (Germany)

Key Questions Answered:

1. How big is the global Lithium Battery Recycled Black Powder market?
2. What is the demand of the global Lithium Battery Recycled Black Powder market?
3. What is the year over year growth of the global Lithium Battery Recycled Black Powder market?
4. What is the production and production value of the global Lithium Battery Recycled Black Powder market?
5. Who are the key producers in the global Lithium Battery Recycled Black Powder market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Lithium Battery Recycled Black Powder Introduction
- 1.2 World Lithium Battery Recycled Black Powder Supply & Forecast
 - 1.2.1 World Lithium Battery Recycled Black Powder Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Lithium Battery Recycled Black Powder Production (2021-2032)
 - 1.2.3 World Lithium Battery Recycled Black Powder Pricing Trends (2021-2032)
- 1.3 World Lithium Battery Recycled Black Powder Production by Region (Based on Production Site)
 - 1.3.1 World Lithium Battery Recycled Black Powder Production Value by Region (2021-2032)
 - 1.3.2 World Lithium Battery Recycled Black Powder Production by Region (2021-2032)
 - 1.3.3 World Lithium Battery Recycled Black Powder Average Price by Region (2021-2032)
 - 1.3.4 North America Lithium Battery Recycled Black Powder Production (2021-2032)
 - 1.3.5 Europe Lithium Battery Recycled Black Powder Production (2021-2032)
 - 1.3.6 China Lithium Battery Recycled Black Powder Production (2021-2032)
 - 1.3.7 South Korea Lithium Battery Recycled Black Powder Production (2021-2032)
 - 1.3.8 India Lithium Battery Recycled Black Powder Production (2021-2032)
 - 1.3.9 Southeast Asia Lithium Battery Recycled Black Powder Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Lithium Battery Recycled Black Powder Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Lithium Battery Recycled Black Powder Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Lithium Battery Recycled Black Powder Demand (2021-2032)
- 2.2 World Lithium Battery Recycled Black Powder Consumption by Region
 - 2.2.1 World Lithium Battery Recycled Black Powder Consumption by Region (2021-2026)
 - 2.2.2 World Lithium Battery Recycled Black Powder Consumption Forecast by Region (2027-2032)
- 2.3 United States Lithium Battery Recycled Black Powder Consumption (2021-2032)
- 2.4 China Lithium Battery Recycled Black Powder Consumption (2021-2032)
- 2.5 Europe Lithium Battery Recycled Black Powder Consumption (2021-2032)

- 2.6 Japan Lithium Battery Recycled Black Powder Consumption (2021-2032)
- 2.7 South Korea Lithium Battery Recycled Black Powder Consumption (2021-2032)
- 2.8 ASEAN Lithium Battery Recycled Black Powder Consumption (2021-2032)
- 2.9 India Lithium Battery Recycled Black Powder Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Lithium Battery Recycled Black Powder Production Value by Manufacturer (2021-2026)
- 3.2 World Lithium Battery Recycled Black Powder Production by Manufacturer (2021-2026)
- 3.3 World Lithium Battery Recycled Black Powder Average Price by Manufacturer (2021-2026)
- 3.4 Lithium Battery Recycled Black Powder Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Lithium Battery Recycled Black Powder Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Lithium Battery Recycled Black Powder in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Lithium Battery Recycled Black Powder in 2025
- 3.6 Lithium Battery Recycled Black Powder Market: Overall Company Footprint Analysis
 - 3.6.1 Lithium Battery Recycled Black Powder Market: Region Footprint
 - 3.6.2 Lithium Battery Recycled Black Powder Market: Company Product Type Footprint
 - 3.6.3 Lithium Battery Recycled Black Powder Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Lithium Battery Recycled Black Powder Production Value Comparison
 - 4.1.1 United States VS China: Lithium Battery Recycled Black Powder Production

Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Lithium Battery Recycled Black Powder Production

Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Lithium Battery Recycled Black Powder Production Comparison

4.2.1 United States VS China: Lithium Battery Recycled Black Powder Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Lithium Battery Recycled Black Powder Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Lithium Battery Recycled Black Powder Consumption Comparison

4.3.1 United States VS China: Lithium Battery Recycled Black Powder Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Lithium Battery Recycled Black Powder Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Lithium Battery Recycled Black Powder Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Lithium Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Lithium Battery Recycled Black Powder Production Value (2021-2026)

4.4.3 United States Based Manufacturers Lithium Battery Recycled Black Powder Production (2021-2026)

4.5 China Based Lithium Battery Recycled Black Powder Manufacturers and Market Share

4.5.1 China Based Lithium Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Lithium Battery Recycled Black Powder Production Value (2021-2026)

4.5.3 China Based Manufacturers Lithium Battery Recycled Black Powder Production (2021-2026)

4.6 Rest of World Based Lithium Battery Recycled Black Powder Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Lithium Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Lithium Battery Recycled Black Powder Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Ternary Lithium Cathode

5.2.2 LiFePO₄ Cathode

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Lithium Battery Recycled Black Powder Production by Type (2021-2032)

5.3.2 World Lithium Battery Recycled Black Powder Production Value by Type (2021-2032)

5.3.3 World Lithium Battery Recycled Black Powder Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY TECHNOLOGY

6.1 World Lithium Battery Recycled Black Powder Market Size Overview by Technology: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Technology

6.2.1 Dry Method

6.2.2 Wet Method

6.2.3 Others

6.3 Market Segment by Technology

6.3.1 World Lithium Battery Recycled Black Powder Production by Technology (2021-2032)

6.3.2 World Lithium Battery Recycled Black Powder Production Value by Technology (2021-2032)

6.3.3 World Lithium Battery Recycled Black Powder Average Price by Technology (2021-2032)

7 MARKET ANALYSIS BY CONTENT

7.1 World Lithium Battery Recycled Black Powder Market Size Overview by Content: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Content

7.2.1 2.0%~3.50%

7.2.2 ~3.5%

7.2.3 Others

7.3 Market Segment by Content

7.3.1 World Lithium Battery Recycled Black Powder Production by Content
(2021-2032)

7.3.2 World Lithium Battery Recycled Black Powder Production Value by Content
(2021-2032)

7.3.3 World Lithium Battery Recycled Black Powder Average Price by Content
(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Lithium Battery Recycled Black Powder Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Power Battery

8.2.2 Consumer Electronics Battery

8.2.3 Energy Storage Battery

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Lithium Battery Recycled Black Powder Production by Application
(2021-2032)

8.3.2 World Lithium Battery Recycled Black Powder Production Value by Application
(2021-2032)

8.3.3 World Lithium Battery Recycled Black Powder Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Brunp Recycling (China)

9.1.1 Brunp Recycling (China) Details

9.1.2 Brunp Recycling (China) Major Business

9.1.3 Brunp Recycling (China) Lithium Battery Recycled Black Powder Product and Services

9.1.4 Brunp Recycling (China) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Brunp Recycling (China) Recent Developments/Updates

9.1.6 Brunp Recycling (China) Competitive Strengths & Weaknesses

9.2 GEM (China)

9.2.1 GEM (China) Details

- 9.2.2 GEM (China) Major Business
- 9.2.3 GEM (China) Lithium Battery Recycled Black Powder Product and Services
- 9.2.4 GEM (China) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 GEM (China) Recent Developments/Updates
- 9.2.6 GEM (China) Competitive Strengths & Weaknesses
- 9.3 Umicore (Belgium)
 - 9.3.1 Umicore (Belgium) Details
 - 9.3.2 Umicore (Belgium) Major Business
 - 9.3.3 Umicore (Belgium) Lithium Battery Recycled Black Powder Product and Services
 - 9.3.4 Umicore (Belgium) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Umicore (Belgium) Recent Developments/Updates
 - 9.3.6 Umicore (Belgium) Competitive Strengths & Weaknesses
- 9.4 Redwood Materials (USA)
 - 9.4.1 Redwood Materials (USA) Details
 - 9.4.2 Redwood Materials (USA) Major Business
 - 9.4.3 Redwood Materials (USA) Lithium Battery Recycled Black Powder Product and Services
 - 9.4.4 Redwood Materials (USA) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 Redwood Materials (USA) Recent Developments/Updates
 - 9.4.6 Redwood Materials (USA) Competitive Strengths & Weaknesses
- 9.5 Huayou Cobalt (China)
 - 9.5.1 Huayou Cobalt (China) Details
 - 9.5.2 Huayou Cobalt (China) Major Business
 - 9.5.3 Huayou Cobalt (China) Lithium Battery Recycled Black Powder Product and Services
 - 9.5.4 Huayou Cobalt (China) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Huayou Cobalt (China) Recent Developments/Updates
 - 9.5.6 Huayou Cobalt (China) Competitive Strengths & Weaknesses
- 9.6 SungEel HiTech (South Korea)
 - 9.6.1 SungEel HiTech (South Korea) Details
 - 9.6.2 SungEel HiTech (South Korea) Major Business
 - 9.6.3 SungEel HiTech (South Korea) Lithium Battery Recycled Black Powder Product and Services
 - 9.6.4 SungEel HiTech (South Korea) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.6.5 SungEel HiTech (South Korea) Recent Developments/Updates
- 9.6.6 SungEel HiTech (South Korea) Competitive Strengths & Weaknesses
- 9.7 POSCO HY Clean Metal (South Korea)
 - 9.7.1 POSCO HY Clean Metal (South Korea) Details
 - 9.7.2 POSCO HY Clean Metal (South Korea) Major Business
 - 9.7.3 POSCO HY Clean Metal (South Korea) Lithium Battery Recycled Black Powder Product and Services
 - 9.7.4 POSCO HY Clean Metal (South Korea) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 POSCO HY Clean Metal (South Korea) Recent Developments/Updates
 - 9.7.6 POSCO HY Clean Metal (South Korea) Competitive Strengths & Weaknesses
- 9.8 Hydrovolt (Norway)
 - 9.8.1 Hydrovolt (Norway) Details
 - 9.8.2 Hydrovolt (Norway) Major Business
 - 9.8.3 Hydrovolt (Norway) Lithium Battery Recycled Black Powder Product and Services
 - 9.8.4 Hydrovolt (Norway) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Hydrovolt (Norway) Recent Developments/Updates
 - 9.8.6 Hydrovolt (Norway) Competitive Strengths & Weaknesses
- 9.9 Ascend Elements (USA)
 - 9.9.1 Ascend Elements (USA) Details
 - 9.9.2 Ascend Elements (USA) Major Business
 - 9.9.3 Ascend Elements (USA) Lithium Battery Recycled Black Powder Product and Services
 - 9.9.4 Ascend Elements (USA) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Ascend Elements (USA) Recent Developments/Updates
 - 9.9.6 Ascend Elements (USA) Competitive Strengths & Weaknesses
- 9.10 Cirba Solutions (USA)
 - 9.10.1 Cirba Solutions (USA) Details
 - 9.10.2 Cirba Solutions (USA) Major Business
 - 9.10.3 Cirba Solutions (USA) Lithium Battery Recycled Black Powder Product and Services
 - 9.10.4 Cirba Solutions (USA) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Cirba Solutions (USA) Recent Developments/Updates
 - 9.10.6 Cirba Solutions (USA) Competitive Strengths & Weaknesses
- 9.11 Ecobat (USA)

- 9.11.1 Ecobat (USA) Details
- 9.11.2 Ecobat (USA) Major Business
- 9.11.3 Ecobat (USA) Lithium Battery Recycled Black Powder Product and Services
- 9.11.4 Ecobat (USA) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.11.5 Ecobat (USA) Recent Developments/Updates
- 9.11.6 Ecobat (USA) Competitive Strengths & Weaknesses
- 9.12 Fortum Battery Solutions (Finland)
 - 9.12.1 Fortum Battery Solutions (Finland) Details
 - 9.12.2 Fortum Battery Solutions (Finland) Major Business
 - 9.12.3 Fortum Battery Solutions (Finland) Lithium Battery Recycled Black Powder Product and Services
 - 9.12.4 Fortum Battery Solutions (Finland) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Fortum Battery Solutions (Finland) Recent Developments/Updates
 - 9.12.6 Fortum Battery Solutions (Finland) Competitive Strengths & Weaknesses
- 9.13 Duesenfeld (Germany)
 - 9.13.1 Duesenfeld (Germany) Details
 - 9.13.2 Duesenfeld (Germany) Major Business
 - 9.13.3 Duesenfeld (Germany) Lithium Battery Recycled Black Powder Product and Services
 - 9.13.4 Duesenfeld (Germany) Lithium Battery Recycled Black Powder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Duesenfeld (Germany) Recent Developments/Updates
 - 9.13.6 Duesenfeld (Germany) Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Lithium Battery Recycled Black Powder Industry Chain
- 10.2 Lithium Battery Recycled Black Powder Upstream Analysis
 - 10.2.1 Lithium Battery Recycled Black Powder Core Raw Materials
 - 10.2.2 Main Manufacturers of Lithium Battery Recycled Black Powder Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Lithium Battery Recycled Black Powder Production Mode
- 10.6 Lithium Battery Recycled Black Powder Procurement Model
- 10.7 Lithium Battery Recycled Black Powder Industry Sales Model and Sales Channels
 - 10.7.1 Lithium Battery Recycled Black Powder Sales Model

10.7.2 Lithium Battery Recycled Black Powder Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Lithium Battery Recycled Black Powder Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Lithium Battery Recycled Black Powder Production Value by Region (2021-2026) & (USD Million)

Table 3. World Lithium Battery Recycled Black Powder Production Value by Region (2027-2032) & (USD Million)

Table 4. World Lithium Battery Recycled Black Powder Production Value Market Share by Region (2021-2026)

Table 5. World Lithium Battery Recycled Black Powder Production Value Market Share by Region (2027-2032)

Table 6. World Lithium Battery Recycled Black Powder Production by Region (2021-2026) & (Tons)

Table 7. World Lithium Battery Recycled Black Powder Production by Region (2027-2032) & (Tons)

Table 8. World Lithium Battery Recycled Black Powder Production Market Share by Region (2021-2026)

Table 9. World Lithium Battery Recycled Black Powder Production Market Share by Region (2027-2032)

Table 10. World Lithium Battery Recycled Black Powder Average Price by Region (2021-2026) & (US\$/Ton)

Table 11. World Lithium Battery Recycled Black Powder Average Price by Region (2027-2032) & (US\$/Ton)

Table 12. Lithium Battery Recycled Black Powder Major Market Trends

Table 13. World Lithium Battery Recycled Black Powder Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Lithium Battery Recycled Black Powder Consumption by Region (2021-2026) & (Tons)

Table 15. World Lithium Battery Recycled Black Powder Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Lithium Battery Recycled Black Powder Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Lithium Battery Recycled Black Powder Producers in 2025

Table 18. World Lithium Battery Recycled Black Powder Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Lithium Battery Recycled Black Powder Producers in 2025

Table 20. World Lithium Battery Recycled Black Powder Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global Lithium Battery Recycled Black Powder Company Evaluation Quadrant

Table 22. World Lithium Battery Recycled Black Powder Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Lithium Battery Recycled Black Powder Production Site of Key Manufacturer

Table 24. Lithium Battery Recycled Black Powder Market: Company Product Type Footprint

Table 25. Lithium Battery Recycled Black Powder Market: Company Product Application Footprint

Table 26. Lithium Battery Recycled Black Powder Competitive Factors

Table 27. Lithium Battery Recycled Black Powder New Entrant and Capacity Expansion Plans

Table 28. Lithium Battery Recycled Black Powder Mergers & Acquisitions Activity

Table 29. United States VS China Lithium Battery Recycled Black Powder Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Lithium Battery Recycled Black Powder Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Lithium Battery Recycled Black Powder Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Lithium Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Lithium Battery Recycled Black Powder Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Lithium Battery Recycled Black Powder Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Lithium Battery Recycled Black Powder Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Lithium Battery Recycled Black Powder Production Market Share (2021-2026)

Table 37. China Based Lithium Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Lithium Battery Recycled Black Powder Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Lithium Battery Recycled Black Powder

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Lithium Battery Recycled Black Powder Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Lithium Battery Recycled Black Powder Production Market Share (2021-2026)

Table 42. Rest of World Based Lithium Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production Market Share (2021-2026)

Table 47. World Lithium Battery Recycled Black Powder Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Lithium Battery Recycled Black Powder Production by Type (2021-2026) & (Tons)

Table 49. World Lithium Battery Recycled Black Powder Production by Type (2027-2032) & (Tons)

Table 50. World Lithium Battery Recycled Black Powder Production Value by Type (2021-2026) & (USD Million)

Table 51. World Lithium Battery Recycled Black Powder Production Value by Type (2027-2032) & (USD Million)

Table 52. World Lithium Battery Recycled Black Powder Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World Lithium Battery Recycled Black Powder Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World Lithium Battery Recycled Black Powder Production Value by Technology, (USD Million), 2021 & 2025 & 2032

Table 55. World Lithium Battery Recycled Black Powder Production by Technology (2021-2026) & (Tons)

Table 56. World Lithium Battery Recycled Black Powder Production by Technology (2027-2032) & (Tons)

Table 57. World Lithium Battery Recycled Black Powder Production Value by Technology (2021-2026) & (USD Million)

Table 58. World Lithium Battery Recycled Black Powder Production Value by Technology (2027-2032) & (USD Million)

Table 59. World Lithium Battery Recycled Black Powder Average Price by Technology (2021-2026) & (US\$/Ton)

Table 60. World Lithium Battery Recycled Black Powder Average Price by Technology (2027-2032) & (US\$/Ton)

Table 61. World Lithium Battery Recycled Black Powder Production Value by Content, (USD Million), 2021 & 2025 & 2032

Table 62. World Lithium Battery Recycled Black Powder Production by Content (2021-2026) & (Tons)

Table 63. World Lithium Battery Recycled Black Powder Production by Content (2027-2032) & (Tons)

Table 64. World Lithium Battery Recycled Black Powder Production Value by Content (2021-2026) & (USD Million)

Table 65. World Lithium Battery Recycled Black Powder Production Value by Content (2027-2032) & (USD Million)

Table 66. World Lithium Battery Recycled Black Powder Average Price by Content (2021-2026) & (US\$/Ton)

Table 67. World Lithium Battery Recycled Black Powder Average Price by Content (2027-2032) & (US\$/Ton)

Table 68. World Lithium Battery Recycled Black Powder Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Lithium Battery Recycled Black Powder Production by Application (2021-2026) & (Tons)

Table 70. World Lithium Battery Recycled Black Powder Production by Application (2027-2032) & (Tons)

Table 71. World Lithium Battery Recycled Black Powder Production Value by Application (2021-2026) & (USD Million)

Table 72. World Lithium Battery Recycled Black Powder Production Value by Application (2027-2032) & (USD Million)

Table 73. World Lithium Battery Recycled Black Powder Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World Lithium Battery Recycled Black Powder Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. Brunp Recycling (China) Basic Information, Manufacturing Base and Competitors

Table 76. Brunp Recycling (China) Major Business

Table 77. Brunp Recycling (China) Lithium Battery Recycled Black Powder Product and Services

Table 78. Brunp Recycling (China) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 79. Brunp Recycling (China) Recent Developments/Updates

Table 80. Brunp Recycling (China) Competitive Strengths & Weaknesses

Table 81. GEM (China) Basic Information, Manufacturing Base and Competitors

Table 82. GEM (China) Major Business

Table 83. GEM (China) Lithium Battery Recycled Black Powder Product and Services

Table 84. GEM (China) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. GEM (China) Recent Developments/Updates

Table 86. GEM (China) Competitive Strengths & Weaknesses

Table 87. Umicore (Belgium) Basic Information, Manufacturing Base and Competitors

Table 88. Umicore (Belgium) Major Business

Table 89. Umicore (Belgium) Lithium Battery Recycled Black Powder Product and Services

Table 90. Umicore (Belgium) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Umicore (Belgium) Recent Developments/Updates

Table 92. Umicore (Belgium) Competitive Strengths & Weaknesses

Table 93. Redwood Materials (USA) Basic Information, Manufacturing Base and Competitors

Table 94. Redwood Materials (USA) Major Business

Table 95. Redwood Materials (USA) Lithium Battery Recycled Black Powder Product and Services

Table 96. Redwood Materials (USA) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Redwood Materials (USA) Recent Developments/Updates

Table 98. Redwood Materials (USA) Competitive Strengths & Weaknesses

Table 99. Huayou Cobalt (China) Basic Information, Manufacturing Base and Competitors

Table 100. Huayou Cobalt (China) Major Business

Table 101. Huayou Cobalt (China) Lithium Battery Recycled Black Powder Product and Services

Table 102. Huayou Cobalt (China) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Huayou Cobalt (China) Recent Developments/Updates

Table 104. Huayou Cobalt (China) Competitive Strengths & Weaknesses
Table 105. SungEel HiTech (South Korea) Basic Information, Manufacturing Base and Competitors
Table 106. SungEel HiTech (South Korea) Major Business
Table 107. SungEel HiTech (South Korea) Lithium Battery Recycled Black Powder Product and Services
Table 108. SungEel HiTech (South Korea) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. SungEel HiTech (South Korea) Recent Developments/Updates
Table 110. SungEel HiTech (South Korea) Competitive Strengths & Weaknesses
Table 111. POSCO HY Clean Metal (South Korea) Basic Information, Manufacturing Base and Competitors
Table 112. POSCO HY Clean Metal (South Korea) Major Business
Table 113. POSCO HY Clean Metal (South Korea) Lithium Battery Recycled Black Powder Product and Services
Table 114. POSCO HY Clean Metal (South Korea) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. POSCO HY Clean Metal (South Korea) Recent Developments/Updates
Table 116. POSCO HY Clean Metal (South Korea) Competitive Strengths & Weaknesses
Table 117. Hydrovolt (Norway) Basic Information, Manufacturing Base and Competitors
Table 118. Hydrovolt (Norway) Major Business
Table 119. Hydrovolt (Norway) Lithium Battery Recycled Black Powder Product and Services
Table 120. Hydrovolt (Norway) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Hydrovolt (Norway) Recent Developments/Updates
Table 122. Hydrovolt (Norway) Competitive Strengths & Weaknesses
Table 123. Ascend Elements (USA) Basic Information, Manufacturing Base and Competitors
Table 124. Ascend Elements (USA) Major Business
Table 125. Ascend Elements (USA) Lithium Battery Recycled Black Powder Product and Services
Table 126. Ascend Elements (USA) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Ascend Elements (USA) Recent Developments/Updates

Table 128. Ascend Elements (USA) Competitive Strengths & Weaknesses

Table 129. Cirba Solutions (USA) Basic Information, Manufacturing Base and Competitors

Table 130. Cirba Solutions (USA) Major Business

Table 131. Cirba Solutions (USA) Lithium Battery Recycled Black Powder Product and Services

Table 132. Cirba Solutions (USA) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Cirba Solutions (USA) Recent Developments/Updates

Table 134. Cirba Solutions (USA) Competitive Strengths & Weaknesses

Table 135. Ecobat (USA) Basic Information, Manufacturing Base and Competitors

Table 136. Ecobat (USA) Major Business

Table 137. Ecobat (USA) Lithium Battery Recycled Black Powder Product and Services

Table 138. Ecobat (USA) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Ecobat (USA) Recent Developments/Updates

Table 140. Ecobat (USA) Competitive Strengths & Weaknesses

Table 141. Fortum Battery Solutions (Finland) Basic Information, Manufacturing Base and Competitors

Table 142. Fortum Battery Solutions (Finland) Major Business

Table 143. Fortum Battery Solutions (Finland) Lithium Battery Recycled Black Powder Product and Services

Table 144. Fortum Battery Solutions (Finland) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Fortum Battery Solutions (Finland) Recent Developments/Updates

Table 146. Fortum Battery Solutions (Finland) Competitive Strengths & Weaknesses

Table 147. Duesenfeld (Germany) Basic Information, Manufacturing Base and Competitors

Table 148. Duesenfeld (Germany) Major Business

Table 149. Duesenfeld (Germany) Lithium Battery Recycled Black Powder Product and Services

Table 150. Duesenfeld (Germany) Lithium Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Duesenfeld (Germany) Recent Developments/Updates

Table 152. Duesenfeld (Germany) Competitive Strengths & Weaknesses

Table 153. Global Key Players of Lithium Battery Recycled Black Powder Upstream
(Raw Materials)

Table 154. Global Lithium Battery Recycled Black Powder Typical Customers

Table 155. Lithium Battery Recycled Black Powder Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Lithium Battery Recycled Black Powder Picture
- Figure 2. World Lithium Battery Recycled Black Powder Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World Lithium Battery Recycled Black Powder Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 5. World Lithium Battery Recycled Black Powder Average Price (2021-2032) & (US\$/Ton)
- Figure 6. World Lithium Battery Recycled Black Powder Production Value Market Share by Region (2021-2032)
- Figure 7. World Lithium Battery Recycled Black Powder Production Market Share by Region (2021-2032)
- Figure 8. North America Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 9. Europe Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 10. China Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 11. South Korea Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 12. India Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 13. Southeast Asia Lithium Battery Recycled Black Powder Production (2021-2032) & (Tons)
- Figure 14. Lithium Battery Recycled Black Powder Market Drivers
- Figure 15. Factors Affecting Demand
- Figure 16. World Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)
- Figure 17. World Lithium Battery Recycled Black Powder Consumption Market Share by Region (2021-2032)
- Figure 18. United States Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)
- Figure 19. China Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 20. Europe Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 21. Japan Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 22. South Korea Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 23. ASEAN Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 24. India Lithium Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 25. Producer Shipments of Lithium Battery Recycled Black Powder by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Lithium Battery Recycled Black Powder Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Lithium Battery Recycled Black Powder Markets in 2025

Figure 28. United States VS China: Lithium Battery Recycled Black Powder Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Lithium Battery Recycled Black Powder Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Lithium Battery Recycled Black Powder Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Lithium Battery Recycled Black Powder Production Market Share 2025

Figure 32. China Based Manufacturers Lithium Battery Recycled Black Powder Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Lithium Battery Recycled Black Powder Production Market Share 2025

Figure 34. World Lithium Battery Recycled Black Powder Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Lithium Battery Recycled Black Powder Production Value Market Share by Type in 2025

Figure 36. Ternary Lithium Cathode

Figure 37. LiFePO₄ Cathode

Figure 38. Others

Figure 39. World Lithium Battery Recycled Black Powder Production Market Share by Type (2021-2032)

Figure 40. World Lithium Battery Recycled Black Powder Production Value Market Share by Type (2021-2032)

Figure 41. World Lithium Battery Recycled Black Powder Average Price by Type (2021-2032) & (US\$/Ton)

Figure 42. World Lithium Battery Recycled Black Powder Production Value by Technology, (USD Million), 2021 & 2025 & 2032

Figure 43. World Lithium Battery Recycled Black Powder Production Value Market Share by Technology in 2025

Figure 44. Dry Method

Figure 45. Wet Method

Figure 46. Others

Figure 47. World Lithium Battery Recycled Black Powder Production Market Share by Technology (2021-2032)

Figure 48. World Lithium Battery Recycled Black Powder Production Value Market Share by Technology (2021-2032)

Figure 49. World Lithium Battery Recycled Black Powder Average Price by Technology (2021-2032) & (US\$/Ton)

Figure 50. World Lithium Battery Recycled Black Powder Production Value by Content, (USD Million), 2021 & 2025 & 2032

Figure 51. World Lithium Battery Recycled Black Powder Production Value Market Share by Content in 2025

Figure 52. 2.0%?Li?3.50%

Figure 53. Li?3.5%

Figure 54. Others

Figure 55. World Lithium Battery Recycled Black Powder Production Market Share by Content (2021-2032)

Figure 56. World Lithium Battery Recycled Black Powder Production Value Market Share by Content (2021-2032)

Figure 57. World Lithium Battery Recycled Black Powder Average Price by Content (2021-2032) & (US\$/Ton)

Figure 58. World Lithium Battery Recycled Black Powder Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 59. World Lithium Battery Recycled Black Powder Production Value Market Share by Application in 2025

Figure 60. Power Battery

Figure 61. Consumer Electronics Battery

Figure 62. Energy Storage Battery

Figure 63. Others

Figure 64. World Lithium Battery Recycled Black Powder Production Market Share by Application (2021-2032)

Figure 65. World Lithium Battery Recycled Black Powder Production Value Market

Share by Application (2021-2032)

Figure 66. World Lithium Battery Recycled Black Powder Average Price by Application (2021-2032) & (US\$/Ton)

Figure 67. Lithium Battery Recycled Black Powder Industry Chain

Figure 68. Lithium Battery Recycled Black Powder Procurement Model

Figure 69. Lithium Battery Recycled Black Powder Sales Model

Figure 70. Lithium Battery Recycled Black Powder Sales Channels, Direct Sales, and Distribution

Figure 71. Methodology

Figure 72. Research Process and Data Source

I would like to order

Product name: Global Lithium Battery Recycled Black Powder Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GFEBB448CCB8EN.html>

Price: US\$ 4,480.00 (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/GFEBB448CCB8EN.html>