

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

<https://marketpublishers.com/r/G048E0C7D424EN.html>

Date: February 2026

Pages: 102

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

ID: G048E0C7D424EN

## Abstracts

The global Power Battery Recycled Black Powder market size is expected to reach \$ 2494 million by 2032, rising at a market growth of 13.0% CAGR during the forecast period (2026-2032).

Power Battery Recycled Black Powder refers to a fine particulate mixture rich in valuable metals such as lithium, nickel, cobalt, and manganese, obtained after discharged power batteries undergo dismantling, shredding, and separation processes; it serves as a critical intermediate feedstock for hydrometallurgical refining or direct cathode material regeneration. In 2025, this product segment achieved a capacity utilization rate of 73% and an average industry gross margin of approximately 50%. The upstream primarily consists of specialized recycling equipment manufacturers, including STEINERT GmbH (Germany), Batrium (Switzerland), Zhejiang Tianchang Intelligent Manufacturing Co., Ltd., and the Equipment Division of Brunp Recycling Technology Co., Ltd.; the midstream focuses on black powder production, composition optimization, and impurity removal through processes such as mechanical shredding, pyrolysis, sieving, and elemental enrichment; the downstream is primarily directed toward the production of regenerated cathode materials for traction and energy storage batteries, with key customers including CATL, BYD, LG Energy Solution, and Tesla. In 2025, production was approximately 215,000 tons at an average price of USD 4,800 per ton.

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 Power Battery Recycled Black Powder production, demand, key manufacturers, and key regions.

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

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

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

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

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

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

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

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

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

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

This report profiles key players in the global Power 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, Ganfeng Lithium, GEM, Miracle Automation Engineering, Redwood Materials, Glencore, Ganzhou Longkai Technology, Huayou Cobalt, Umicore, SungEel HiTech, 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 Power 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 Power Battery Recycled Black Powder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

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

Ternary Lithium Cathode

LiFePO4 Cathode

Others

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

Dry Method

Wet Method

Others

Global Power Battery Recycled Black Powder Market, Segmentation by Acid-insoluble Residue:

? 5.00%

? 1.00%

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

Power Battery

Consumer Electronics Battery

Energy Storage Battery

Others

Companies Profiled:

Brunp Recycling

Ganfeng Lithium

GEM

Miracle Automation Engineering

Redwood Materials

Glencore

Ganzhou Longkai Technology

Huayou Cobalt

Umicore

SungEel HiTech

**Key Questions Answered:**

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

## Contents

### 1 SUPPLY SUMMARY

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

### 2 DEMAND SUMMARY

- 2.1 World Star-Shaped Sulfur-Derived Polymers Demand (2021-2032)
- 2.2 World Star-Shaped Sulfur-Derived Polymers Consumption by Region
  - 2.2.1 World Star-Shaped Sulfur-Derived Polymers Consumption by Region (2021-2026)
  - 2.2.2 World Star-Shaped Sulfur-Derived Polymers Consumption Forecast by Region (2027-2032)
- 2.3 United States Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)
- 2.4 China Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)
- 2.5 Europe Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)

- 2.6 Japan Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)
- 2.7 South Korea Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)
- 2.8 ASEAN Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)
- 2.9 India Star-Shaped Sulfur-Derived Polymers Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World Star-Shaped Sulfur-Derived Polymers Production Value by Manufacturer (2021-2026)
- 3.2 World Star-Shaped Sulfur-Derived Polymers Production by Manufacturer (2021-2026)
- 3.3 World Star-Shaped Sulfur-Derived Polymers Average Price by Manufacturer (2021-2026)
- 3.4 Star-Shaped Sulfur-Derived Polymers Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Star-Shaped Sulfur-Derived Polymers Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Star-Shaped Sulfur-Derived Polymers in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Star-Shaped Sulfur-Derived Polymers in 2025
- 3.6 Star-Shaped Sulfur-Derived Polymers Market: Overall Company Footprint Analysis
  - 3.6.1 Star-Shaped Sulfur-Derived Polymers Market: Region Footprint
  - 3.6.2 Star-Shaped Sulfur-Derived Polymers Market: Company Product Type Footprint
  - 3.6.3 Star-Shaped Sulfur-Derived Polymers 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: Star-Shaped Sulfur-Derived Polymers Production Value Comparison
  - 4.1.1 United States VS China: Star-Shaped Sulfur-Derived Polymers Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Star-Shaped Sulfur-Derived Polymers Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Star-Shaped Sulfur-Derived Polymers Production Comparison

4.2.1 United States VS China: Star-Shaped Sulfur-Derived Polymers Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Star-Shaped Sulfur-Derived Polymers Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Star-Shaped Sulfur-Derived Polymers Consumption Comparison

4.3.1 United States VS China: Star-Shaped Sulfur-Derived Polymers Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Star-Shaped Sulfur-Derived Polymers Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Star-Shaped Sulfur-Derived Polymers Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Star-Shaped Sulfur-Derived Polymers Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Star-Shaped Sulfur-Derived Polymers Production Value (2021-2026)

4.4.3 United States Based Manufacturers Star-Shaped Sulfur-Derived Polymers Production (2021-2026)

4.5 China Based Star-Shaped Sulfur-Derived Polymers Manufacturers and Market Share

4.5.1 China Based Star-Shaped Sulfur-Derived Polymers Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Star-Shaped Sulfur-Derived Polymers Production Value (2021-2026)

4.5.3 China Based Manufacturers Star-Shaped Sulfur-Derived Polymers Production (2021-2026)

4.6 Rest of World Based Star-Shaped Sulfur-Derived Polymers Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Star-Shaped Sulfur-Derived Polymers Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Star-Shaped Sulfur-Derived Polymers Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Star-Shaped Sulfur-Derived Polymers Production (2021-2026)

## **5 MARKET ANALYSIS BY PHYSICAL FORM**

5.1 World Star-Shaped Sulfur-Derived Polymers Market Size Overview by Physical Form: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Physical Form

5.2.1 Solid Bulk Polymer

5.2.2 Granules / Pellets

5.2.3 Powder

5.2.4 Liquid / Prepolymer Resin

5.3 Market Segment by Physical Form

5.3.1 World Star-Shaped Sulfur-Derived Polymers Production by Physical Form (2021-2032)

5.3.2 World Star-Shaped Sulfur-Derived Polymers Production Value by Physical Form (2021-2032)

5.3.3 World Star-Shaped Sulfur-Derived Polymers Average Price by Physical Form (2021-2032)

## **6 MARKET ANALYSIS BY SULFUR CONTENT**

6.1 World Star-Shaped Sulfur-Derived Polymers Market Size Overview by Sulfur Content: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Sulfur Content

6.2.1 Ultra-High Sulfur Grade(>85 wt% S)

6.2.2 High Sulfur Grade(70–85 wt% S)

6.2.3 Medium Sulfur Grade(50–70 wt% S)

6.2.4 Modified / Low Sulfur Grade(

## List Of Tables

### LIST OF TABLES

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

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

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

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

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

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

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

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

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

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

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

Table 12. Power Battery Recycled Black Powder Major Market Trends

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 26. Power Battery Recycled Black Powder Competitive Factors

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

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

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

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

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

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

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

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

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

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

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

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

Table 39. China Based Manufacturers Power Battery Recycled Black Powder Production Value Market Share (2021-2026)

- Table 40. China Based Manufacturers Power Battery Recycled Black Powder Production, (2021-2026) & (Tons)
- Table 41. China Based Manufacturers Power Battery Recycled Black Powder Production Market Share (2021-2026)
- Table 42. Rest of World Based Power Battery Recycled Black Powder Manufacturers, Headquarters and Production Site (State, Country)
- Table 43. Rest of World Based Manufacturers Power Battery Recycled Black Powder Production Value, (2021-2026) & (USD Million)
- Table 44. Rest of World Based Manufacturers Power Battery Recycled Black Powder Production Value Market Share (2021-2026)
- Table 45. Rest of World Based Manufacturers Power Battery Recycled Black Powder Production, (2021-2026) & (Tons)
- Table 46. Rest of World Based Manufacturers Power Battery Recycled Black Powder Production Market Share (2021-2026)
- Table 47. World Power Battery Recycled Black Powder Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 48. World Power Battery Recycled Black Powder Production by Type (2021-2026) & (Tons)
- Table 49. World Power Battery Recycled Black Powder Production by Type (2027-2032) & (Tons)
- Table 50. World Power Battery Recycled Black Powder Production Value by Type (2021-2026) & (USD Million)
- Table 51. World Power Battery Recycled Black Powder Production Value by Type (2027-2032) & (USD Million)
- Table 52. World Power Battery Recycled Black Powder Average Price by Type (2021-2026) & (US\$/Ton)
- Table 53. World Power Battery Recycled Black Powder Average Price by Type (2027-2032) & (US\$/Ton)
- Table 54. World Power Battery Recycled Black Powder Production Value by Technology, (USD Million), 2021 & 2025 & 2032
- Table 55. World Power Battery Recycled Black Powder Production by Technology (2021-2026) & (Tons)
- Table 56. World Power Battery Recycled Black Powder Production by Technology (2027-2032) & (Tons)
- Table 57. World Power Battery Recycled Black Powder Production Value by Technology (2021-2026) & (USD Million)
- Table 58. World Power Battery Recycled Black Powder Production Value by Technology (2027-2032) & (USD Million)
- Table 59. World Power Battery Recycled Black Powder Average Price by Technology

(2021-2026) & (US\$/Ton)

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

Table 61. World Power Battery Recycled Black Powder Production Value by Acid-insoluble Residue, (USD Million), 2021 & 2025 & 2032

Table 62. World Power Battery Recycled Black Powder Production by Acid-insoluble Residue (2021-2026) & (Tons)

Table 63. World Power Battery Recycled Black Powder Production by Acid-insoluble Residue (2027-2032) & (Tons)

Table 64. World Power Battery Recycled Black Powder Production Value by Acid-insoluble Residue (2021-2026) & (USD Million)

Table 65. World Power Battery Recycled Black Powder Production Value by Acid-insoluble Residue (2027-2032) & (USD Million)

Table 66. World Power Battery Recycled Black Powder Average Price by Acid-insoluble Residue (2021-2026) & (US\$/Ton)

Table 67. World Power Battery Recycled Black Powder Average Price by Acid-insoluble Residue (2027-2032) & (US\$/Ton)

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

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

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

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

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

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

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

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

Table 76. Brunp Recycling Major Business

Table 77. Brunp Recycling Power Battery Recycled Black Powder Product and Services

Table 78. Brunp Recycling Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Brunp Recycling Recent Developments/Updates

Table 80. Brunp Recycling Competitive Strengths & Weaknesses

- Table 81. Ganfeng Lithium Basic Information, Manufacturing Base and Competitors
- Table 82. Ganfeng Lithium Major Business
- Table 83. Ganfeng Lithium Power Battery Recycled Black Powder Product and Services
- Table 84. Ganfeng Lithium Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 85. Ganfeng Lithium Recent Developments/Updates
- Table 86. Ganfeng Lithium Competitive Strengths & Weaknesses
- Table 87. GEM Basic Information, Manufacturing Base and Competitors
- Table 88. GEM Major Business
- Table 89. GEM Power Battery Recycled Black Powder Product and Services
- Table 90. GEM Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 91. GEM Recent Developments/Updates
- Table 92. GEM Competitive Strengths & Weaknesses
- Table 93. Miracle Automation Engineering Basic Information, Manufacturing Base and Competitors
- Table 94. Miracle Automation Engineering Major Business
- Table 95. Miracle Automation Engineering Power Battery Recycled Black Powder Product and Services
- Table 96. Miracle Automation Engineering Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 97. Miracle Automation Engineering Recent Developments/Updates
- Table 98. Miracle Automation Engineering Competitive Strengths & Weaknesses
- Table 99. Redwood Materials Basic Information, Manufacturing Base and Competitors
- Table 100. Redwood Materials Major Business
- Table 101. Redwood Materials Power Battery Recycled Black Powder Product and Services
- Table 102. Redwood Materials Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Redwood Materials Recent Developments/Updates
- Table 104. Redwood Materials Competitive Strengths & Weaknesses
- Table 105. Glencore Basic Information, Manufacturing Base and Competitors
- Table 106. Glencore Major Business
- Table 107. Glencore Power Battery Recycled Black Powder Product and Services
- Table 108. Glencore Power Battery Recycled Black Powder Production (Tons), Price

(US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Glencore Recent Developments/Updates

Table 110. Glencore Competitive Strengths & Weaknesses

Table 111. Ganzhou Longkai Technology Basic Information, Manufacturing Base and Competitors

Table 112. Ganzhou Longkai Technology Major Business

Table 113. Ganzhou Longkai Technology Power Battery Recycled Black Powder Product and Services

Table 114. Ganzhou Longkai Technology Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Ganzhou Longkai Technology Recent Developments/Updates

Table 116. Ganzhou Longkai Technology Competitive Strengths & Weaknesses

Table 117. Huayou Cobalt Basic Information, Manufacturing Base and Competitors

Table 118. Huayou Cobalt Major Business

Table 119. Huayou Cobalt Power Battery Recycled Black Powder Product and Services

Table 120. Huayou Cobalt Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Huayou Cobalt Recent Developments/Updates

Table 122. Huayou Cobalt Competitive Strengths & Weaknesses

Table 123. Umicore Basic Information, Manufacturing Base and Competitors

Table 124. Umicore Major Business

Table 125. Umicore Power Battery Recycled Black Powder Product and Services

Table 126. Umicore Power Battery Recycled Black Powder Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Umicore Recent Developments/Updates

Table 128. Umicore Competitive Strengths & Weaknesses

Table 129. SungEel HiTech Basic Information, Manufacturing Base and Competitors

Table 130. SungEel HiTech Major Business

Table 131. SungEel HiTech Power Battery Recycled Black Powder Product and Services

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

Table 133. SungEel HiTech Recent Developments/Updates

Table 134. SungEel HiTech Competitive Strengths & Weaknesses

Table 135. Global Key Players of Power Battery Recycled Black Powder Upstream  
(Raw Materials)

Table 136. Global Power Battery Recycled Black Powder Typical Customers

Table 137. Power Battery Recycled Black Powder Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Power Battery Recycled Black Powder Picture

Figure 2. World Power Battery Recycled Black Powder Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Power Battery Recycled Black Powder Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 5. World Power Battery Recycled Black Powder Average Price (2021-2032) & (US\$/Ton)

Figure 6. World Power Battery Recycled Black Powder Production Value Market Share by Region (2021-2032)

Figure 7. World Power Battery Recycled Black Powder Production Market Share by Region (2021-2032)

Figure 8. North America Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 9. Europe Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 10. China Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 11. Japan Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 12. India Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 13. Southeast Asia Power Battery Recycled Black Powder Production (2021-2032) & (Tons)

Figure 14. Power Battery Recycled Black Powder Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Power Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 17. World Power Battery Recycled Black Powder Consumption Market Share by Region (2021-2032)

Figure 18. United States Power Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

Figure 19. China Power Battery Recycled Black Powder Consumption (2021-2032) & (Tons)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure 35. World Power 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 Power Battery Recycled Black Powder Production Market Share by Type (2021-2032)

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

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

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

Figure 43. World Power 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 Power Battery Recycled Black Powder Production Market Share by Technology (2021-2032)

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

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

Figure 50. World Power Battery Recycled Black Powder Production Value by Acid-insoluble Residue, (USD Million), 2021 & 2025 & 2032

Figure 51. World Power Battery Recycled Black Powder Production Value Market Share by Acid-insoluble Residue in 2025

Figure 52. ? 5.00%

Figure 53. ? 1.00%

Figure 54. World Power Battery Recycled Black Powder Production Market Share by Acid-insoluble Residue (2021-2032)

Figure 55. World Power Battery Recycled Black Powder Production Value Market Share by Acid-insoluble Residue (2021-2032)

Figure 56. World Power Battery Recycled Black Powder Average Price by Acid-insoluble Residue (2021-2032) & (US\$/Ton)

Figure 57. World Power Battery Recycled Black Powder Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Power Battery Recycled Black Powder Production Value Market Share by Application in 2025

Figure 59. Power Battery

Figure 60. Consumer Electronics Battery

Figure 61. Energy Storage Battery

Figure 62. Others

Figure 63. World Power Battery Recycled Black Powder Production Market Share by Application (2021-2032)

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

Figure 65. World Power Battery Recycled Black Powder Average Price by Application (2021-2032) & (US\$/Ton)

Figure 66. Power Battery Recycled Black Powder Industry Chain

Figure 67. Power Battery Recycled Black Powder Procurement Model

Figure 68. Power Battery Recycled Black Powder Sales Model

Figure 69. Power Battery Recycled Black Powder Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

## I would like to order

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

Product link: <https://marketpublishers.com/r/G048E0C7D424EN.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](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/G048E0C7D424EN.html>