

# Global Lead Battery Recycling Market Growth 2024-2030

<https://marketpublishers.com/r/G145A7490F64EN.html>

Date: January 2024

Pages: 138

Price: US\$ 3,660.00 (Single User License)

ID: G145A7490F64EN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to our LPI (LP Information) latest study, the global Lead Battery Recycling market size was valued at US\$ 5664.7 million in 2023. With growing demand in downstream market, the Lead Battery Recycling is forecast to a readjusted size of US\$ 10690 million by 2030 with a CAGR of 9.5% during review period.

The research report highlights the growth potential of the global Lead Battery Recycling market. Lead Battery Recycling are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Lead Battery Recycling. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Lead Battery Recycling market.

Lead battery recycling is a process where used lead-acid batteries are collected, processed, and recycled to recover valuable materials such as lead, plastic, and electrolyte. The recycling of lead batteries is crucial for environmental sustainability and resource conservation, as it reduces the need for virgin lead mining and prevents hazardous materials from entering the environment. The recycling process involves several stages, including battery collection, battery breaking, separation of components, smelting, refining, and the production of recycled lead and other materials for reuse.

The demand for lead-acid batteries in various sectors such as automotive, stationary power, renewable energy storage, telecommunications, and industrial applications is a major driver for lead battery recycling.

Stringent environmental regulations regarding the safe disposal and recycling of lead-acid batteries drive the need for effective recycling processes. Governments and regulatory bodies worldwide are implementing and enforcing laws to ensure proper handling, recycling, and disposal of lead batteries to minimize environmental impact.

The lead battery recycling market is geographically diverse, with key players and recycling facilities located worldwide. Regions with significant market presence include North America, Europe, Asia Pacific, and Latin America. Factors such as regional regulations, battery consumption patterns, and infrastructure for recycling contribute to regional market dynamics.

For the recycled lead reused, the market size/revenue data is equal to sales (recycling volume) multiply by waste battery price in this report.

Global key players of Lead Battery Recycling include Tianneng Group, Gianni Mori Engineering (GME), Chaowei Power Holdings, etc. Global top four manufacturers hold a share over 20%.

North America is the largest market of Lead Battery Recycling, holds a share around 20%, followed by Europe and Asia-Pacific.

Based on the product Application, the Lead Battery Recycling is primarily split into SLI Batteries, Light Power Batteries, Backup and Stationary Batteries, etc.

#### Key Features:

The report on Lead Battery Recycling market reflects various aspects and provide valuable insights into the industry.

**Market Size and Growth:** The research report provide an overview of the current size and growth of the Lead Battery Recycling market. It may include historical data, market segmentation by Source (e.g., Automobile Lead Acid Battery, Household Lead Acid Battery), and regional breakdowns.

**Market Drivers and Challenges:** The report can identify and analyse the factors driving the growth of the Lead Battery Recycling market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including

infrastructure limitations, range anxiety, and high upfront costs.

**Competitive Landscape:** The research report provides analysis of the competitive landscape within the Lead Battery Recycling market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

**Technological Developments:** The research report can delve into the latest technological developments in the Lead Battery Recycling industry. This include advancements in Lead Battery Recycling technology, Lead Battery Recycling new entrants, Lead Battery Recycling new investment, and other innovations that are shaping the future of Lead Battery Recycling.

**Downstream Procumbent Preference:** The report can shed light on customer procumbent behaviour and adoption trends in the Lead Battery Recycling market. It includes factors influencing customer ' purchasing decisions, preferences for Lead Battery Recycling product.

**Government Policies and Incentives:** The research report analyse the impact of government policies and incentives on the Lead Battery Recycling market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Lead Battery Recycling market. The report also evaluates the effectiveness of these policies in driving market growth.

**Environmental Impact and Sustainability:** The research report assess the environmental impact and sustainability aspects of the Lead Battery Recycling market.

**Market Forecasts and Future Outlook:** Based on the analysis conducted, the research report provide market forecasts and outlook for the Lead Battery Recycling industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

**Recommendations and Opportunities:** The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Lead Battery Recycling market.

**Market Segmentation:**

Lead Battery Recycling market is split by Source and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Source, and by Application in terms of volume and value.

#### Segmentation by source

Automobile Lead Acid Battery

Household Lead Acid Battery

Industrial and Commercial Lead Acid Battery

#### Segmentation by application

SLI Batteries

Light Power Batteries

Backup and Stationary Batteries

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.

Camel Group

Tianneng Group

Gianni Mori Engineering (GME)

Chaowei Power Holdings

GS Yuasa

Terrapure (GFL)

Anhui Huaxin Lead Industry Group

The Doe Run Company

Gravita India

Gopher Resource (ECP)

Umicore

Clarios

Cirba Solutions

Ecobat

Aqua Metals

Recylex

Hebei Songhe Recycling Resources

Jiangsu Shuangdeng Group

Exide Technologies

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Lead Battery Recycling market?

What factors are driving Lead Battery Recycling market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Lead Battery Recycling market opportunities vary by end market size?

How does Lead Battery Recycling break out source, application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Lead Battery Recycling Annual Sales 2019-2030
- 2.1.2 World Current & Future Analysis for Lead Battery Recycling by Geographic Region, 2019, 2023 & 2030
- 2.1.3 World Current & Future Analysis for Lead Battery Recycling by Country/Region, 2019, 2023 & 2030

#### 2.2 Lead Battery Recycling Segment by Source

- 2.2.1 Automobile Lead Acid Battery
- 2.2.2 Household Lead Acid Battery
- 2.2.3 Industrial and Commercial Lead Acid Battery

#### 2.3 Lead Battery Recycling Sales by Source

- 2.3.1 Global Lead Battery Recycling Sales Market Share by Source (2019-2024)
- 2.3.2 Global Lead Battery Recycling Revenue and Market Share by Source (2019-2024)
- 2.3.3 Global Lead Battery Recycling Sale Price by Source (2019-2024)

#### 2.4 Lead Battery Recycling Segment by Application

- 2.4.1 SLI Batteries
- 2.4.2 Light Power Batteries
- 2.4.3 Backup and Stationary Batteries
- 2.4.4 Others

#### 2.5 Lead Battery Recycling Sales by Application

- 2.5.1 Global Lead Battery Recycling Sale Market Share by Application (2019-2024)
- 2.5.2 Global Lead Battery Recycling Revenue and Market Share by Application (2019-2024)



### 2.5.3 Global Lead Battery Recycling Sale Price by Application (2019-2024)

## **3 GLOBAL LEAD BATTERY RECYCLING BY COMPANY**

### 3.1 Global Lead Battery Recycling Breakdown Data by Company

#### 3.1.1 Global Lead Battery Recycling Annual Sales by Company (2019-2024)

#### 3.1.2 Global Lead Battery Recycling Sales Market Share by Company (2019-2024)

### 3.2 Global Lead Battery Recycling Annual Revenue by Company (2019-2024)

#### 3.2.1 Global Lead Battery Recycling Revenue by Company (2019-2024)

#### 3.2.2 Global Lead Battery Recycling Revenue Market Share by Company (2019-2024)

### 3.3 Global Lead Battery Recycling Sale Price by Company

### 3.4 Key Manufacturers Lead Battery Recycling Producing Area Distribution, Sales Area, Product Type

#### 3.4.1 Key Manufacturers Lead Battery Recycling Product Location Distribution

#### 3.4.2 Players Lead Battery Recycling Products Offered

### 3.5 Market Concentration Rate Analysis

#### 3.5.1 Competition Landscape Analysis

#### 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

### 3.6 New Products and Potential Entrants

### 3.7 Mergers & Acquisitions, Expansion

## **4 WORLD HISTORIC REVIEW FOR LEAD BATTERY RECYCLING BY GEOGRAPHIC REGION**

### 4.1 World Historic Lead Battery Recycling Market Size by Geographic Region (2019-2024)

#### 4.1.1 Global Lead Battery Recycling Annual Sales by Geographic Region (2019-2024)

#### 4.1.2 Global Lead Battery Recycling Annual Revenue by Geographic Region (2019-2024)

### 4.2 World Historic Lead Battery Recycling Market Size by Country/Region (2019-2024)

#### 4.2.1 Global Lead Battery Recycling Annual Sales by Country/Region (2019-2024)

#### 4.2.2 Global Lead Battery Recycling Annual Revenue by Country/Region (2019-2024)

### 4.3 Americas Lead Battery Recycling Sales Growth

### 4.4 APAC Lead Battery Recycling Sales Growth

### 4.5 Europe Lead Battery Recycling Sales Growth

### 4.6 Middle East & Africa Lead Battery Recycling Sales Growth

## **5 AMERICAS**

## 5.1 Americas Lead Battery Recycling Sales by Country

5.1.1 Americas Lead Battery Recycling Sales by Country (2019-2024)

5.1.2 Americas Lead Battery Recycling Revenue by Country (2019-2024)

## 5.2 Americas Lead Battery Recycling Sales by Source

## 5.3 Americas Lead Battery Recycling Sales by Application

### 5.4 United States

### 5.5 Canada

### 5.6 Mexico

### 5.7 Brazil

## 6 APAC

### 6.1 APAC Lead Battery Recycling Sales by Region

6.1.1 APAC Lead Battery Recycling Sales by Region (2019-2024)

6.1.2 APAC Lead Battery Recycling Revenue by Region (2019-2024)

### 6.2 APAC Lead Battery Recycling Sales by Source

### 6.3 APAC Lead Battery Recycling Sales by Application

### 6.4 China

### 6.5 Japan

### 6.6 South Korea

### 6.7 Southeast Asia

### 6.8 India

### 6.9 Australia

### 6.10 China Taiwan

## 7 EUROPE

### 7.1 Europe Lead Battery Recycling by Country

7.1.1 Europe Lead Battery Recycling Sales by Country (2019-2024)

7.1.2 Europe Lead Battery Recycling Revenue by Country (2019-2024)

### 7.2 Europe Lead Battery Recycling Sales by Source

### 7.3 Europe Lead Battery Recycling Sales by Application

### 7.4 Germany

### 7.5 France

### 7.6 UK

### 7.7 Italy

### 7.8 Russia

## 8 MIDDLE EAST & AFRICA

## 8.1 Middle East & Africa Lead Battery Recycling by Country

8.1.1 Middle East & Africa Lead Battery Recycling Sales by Country (2019-2024)

8.1.2 Middle East & Africa Lead Battery Recycling Revenue by Country (2019-2024)

## 8.2 Middle East & Africa Lead Battery Recycling Sales by Source

## 8.3 Middle East & Africa Lead Battery Recycling Sales by Application

### 8.4 Egypt

### 8.5 South Africa

### 8.6 Israel

### 8.7 Turkey

### 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

### 9.1 Market Drivers & Growth Opportunities

### 9.2 Market Challenges & Risks

### 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

### 10.1 Raw Material and Suppliers

### 10.2 Manufacturing Cost Structure Analysis of Lead Battery Recycling

### 10.3 Manufacturing Process Analysis of Lead Battery Recycling

### 10.4 Industry Chain Structure of Lead Battery Recycling

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

### 11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

### 11.2 Lead Battery Recycling Distributors

### 11.3 Lead Battery Recycling Customer

## **12 WORLD FORECAST REVIEW FOR LEAD BATTERY RECYCLING BY GEOGRAPHIC REGION**

### 12.1 Global Lead Battery Recycling Market Size Forecast by Region

12.1.1 Global Lead Battery Recycling Forecast by Region (2025-2030)

12.1.2 Global Lead Battery Recycling Annual Revenue Forecast by Region

(2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Lead Battery Recycling Forecast by Source

12.7 Global Lead Battery Recycling Forecast by Application

## **13 KEY PLAYERS ANALYSIS**

13.1 Camel Group

13.1.1 Camel Group Company Information

13.1.2 Camel Group Lead Battery Recycling Product Portfolios and Specifications

13.1.3 Camel Group Lead Battery Recycling Sales, Revenue, Price and Gross Margin

(2019-2024)

13.1.4 Camel Group Main Business Overview

13.1.5 Camel Group Latest Developments

13.2 Tianneng Group

13.2.1 Tianneng Group Company Information

13.2.2 Tianneng Group Lead Battery Recycling Product Portfolios and Specifications

13.2.3 Tianneng Group Lead Battery Recycling Sales, Revenue, Price and Gross

Margin (2019-2024)

13.2.4 Tianneng Group Main Business Overview

13.2.5 Tianneng Group Latest Developments

13.3 Gianni Mori Engineering (GME)

13.3.1 Gianni Mori Engineering (GME) Company Information

13.3.2 Gianni Mori Engineering (GME) Lead Battery Recycling Product Portfolios and Specifications

13.3.3 Gianni Mori Engineering (GME) Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)

13.3.4 Gianni Mori Engineering (GME) Main Business Overview

13.3.5 Gianni Mori Engineering (GME) Latest Developments

13.4 Chaowei Power Holdings

13.4.1 Chaowei Power Holdings Company Information

13.4.2 Chaowei Power Holdings Lead Battery Recycling Product Portfolios and Specifications

13.4.3 Chaowei Power Holdings Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)

13.4.4 Chaowei Power Holdings Main Business Overview

- 13.4.5 Chaowei Power Holdings Latest Developments
- 13.5 GS Yuasa
  - 13.5.1 GS Yuasa Company Information
  - 13.5.2 GS Yuasa Lead Battery Recycling Product Portfolios and Specifications
  - 13.5.3 GS Yuasa Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 GS Yuasa Main Business Overview
  - 13.5.5 GS Yuasa Latest Developments
- 13.6 Terrapure (GFL)
  - 13.6.1 Terrapure (GFL) Company Information
  - 13.6.2 Terrapure (GFL) Lead Battery Recycling Product Portfolios and Specifications
  - 13.6.3 Terrapure (GFL) Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Terrapure (GFL) Main Business Overview
  - 13.6.5 Terrapure (GFL) Latest Developments
- 13.7 Anhui Huaxin Lead Industry Group
  - 13.7.1 Anhui Huaxin Lead Industry Group Company Information
  - 13.7.2 Anhui Huaxin Lead Industry Group Lead Battery Recycling Product Portfolios and Specifications
  - 13.7.3 Anhui Huaxin Lead Industry Group Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 Anhui Huaxin Lead Industry Group Main Business Overview
  - 13.7.5 Anhui Huaxin Lead Industry Group Latest Developments
- 13.8 The Doe Run Company
  - 13.8.1 The Doe Run Company Company Information
  - 13.8.2 The Doe Run Company Lead Battery Recycling Product Portfolios and Specifications
  - 13.8.3 The Doe Run Company Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 The Doe Run Company Main Business Overview
  - 13.8.5 The Doe Run Company Latest Developments
- 13.9 Gravita India
  - 13.9.1 Gravita India Company Information
  - 13.9.2 Gravita India Lead Battery Recycling Product Portfolios and Specifications
  - 13.9.3 Gravita India Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Gravita India Main Business Overview
  - 13.9.5 Gravita India Latest Developments
- 13.10 Gopher Resource (ECP)

- 13.10.1 Gopher Resource (ECP) Company Information
- 13.10.2 Gopher Resource (ECP) Lead Battery Recycling Product Portfolios and Specifications
- 13.10.3 Gopher Resource (ECP) Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.10.4 Gopher Resource (ECP) Main Business Overview
- 13.10.5 Gopher Resource (ECP) Latest Developments
- 13.11 Umicore
  - 13.11.1 Umicore Company Information
  - 13.11.2 Umicore Lead Battery Recycling Product Portfolios and Specifications
  - 13.11.3 Umicore Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.11.4 Umicore Main Business Overview
  - 13.11.5 Umicore Latest Developments
- 13.12 Clarios
  - 13.12.1 Clarios Company Information
  - 13.12.2 Clarios Lead Battery Recycling Product Portfolios and Specifications
  - 13.12.3 Clarios Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.12.4 Clarios Main Business Overview
  - 13.12.5 Clarios Latest Developments
- 13.13 Cirba Solutions
  - 13.13.1 Cirba Solutions Company Information
  - 13.13.2 Cirba Solutions Lead Battery Recycling Product Portfolios and Specifications
  - 13.13.3 Cirba Solutions Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.13.4 Cirba Solutions Main Business Overview
  - 13.13.5 Cirba Solutions Latest Developments
- 13.14 Ecobat
  - 13.14.1 Ecobat Company Information
  - 13.14.2 Ecobat Lead Battery Recycling Product Portfolios and Specifications
  - 13.14.3 Ecobat Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.14.4 Ecobat Main Business Overview
  - 13.14.5 Ecobat Latest Developments
- 13.15 Aqua Metals
  - 13.15.1 Aqua Metals Company Information
  - 13.15.2 Aqua Metals Lead Battery Recycling Product Portfolios and Specifications
  - 13.15.3 Aqua Metals Lead Battery Recycling Sales, Revenue, Price and Gross Margin

(2019-2024)

13.15.4 Aqua Metals Main Business Overview

13.15.5 Aqua Metals Latest Developments

13.16 Recylex

13.16.1 Recylex Company Information

13.16.2 Recylex Lead Battery Recycling Product Portfolios and Specifications

13.16.3 Recylex Lead Battery Recycling Sales, Revenue, Price and Gross Margin

(2019-2024)

13.16.4 Recylex Main Business Overview

13.16.5 Recylex Latest Developments

13.17 Hebei Songhe Recycling Resources

13.17.1 Hebei Songhe Recycling Resources Company Information

13.17.2 Hebei Songhe Recycling Resources Lead Battery Recycling Product Portfolios and Specifications

13.17.3 Hebei Songhe Recycling Resources Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)

13.17.4 Hebei Songhe Recycling Resources Main Business Overview

13.17.5 Hebei Songhe Recycling Resources Latest Developments

13.18 Jiangsu Shuangdeng Group

13.18.1 Jiangsu Shuangdeng Group Company Information

13.18.2 Jiangsu Shuangdeng Group Lead Battery Recycling Product Portfolios and Specifications

13.18.3 Jiangsu Shuangdeng Group Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)

13.18.4 Jiangsu Shuangdeng Group Main Business Overview

13.18.5 Jiangsu Shuangdeng Group Latest Developments

13.19 Exide Technologies

13.19.1 Exide Technologies Company Information

13.19.2 Exide Technologies Lead Battery Recycling Product Portfolios and Specifications

13.19.3 Exide Technologies Lead Battery Recycling Sales, Revenue, Price and Gross Margin (2019-2024)

13.19.4 Exide Technologies Main Business Overview

13.19.5 Exide Technologies Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**



## List Of Tables

### LIST OF TABLES

Table 1. Lead Battery Recycling Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Lead Battery Recycling Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Automobile Lead Acid Battery

Table 4. Major Players of Household Lead Acid Battery

Table 5. Major Players of Industrial and Commercial Lead Acid Battery

Table 6. Global Lead Battery Recycling Sales by Source (2019-2024) & (k MT)

Table 7. Global Lead Battery Recycling Sales Market Share by Source (2019-2024)

Table 8. Global Lead Battery Recycling Revenue by Source (2019-2024) & (\$ million)

Table 9. Global Lead Battery Recycling Revenue Market Share by Source (2019-2024)

Table 10. Global Lead Battery Recycling Sale Price by Source (2019-2024) & (USD/MT)

Table 11. Global Lead Battery Recycling Sales by Application (2019-2024) & (k MT)

Table 12. Global Lead Battery Recycling Sales Market Share by Application (2019-2024)

Table 13. Global Lead Battery Recycling Revenue by Application (2019-2024)

Table 14. Global Lead Battery Recycling Revenue Market Share by Application (2019-2024)

Table 15. Global Lead Battery Recycling Sale Price by Application (2019-2024) & (USD/MT)

Table 16. Global Lead Battery Recycling Sales by Company (2019-2024) & (k MT)

Table 17. Global Lead Battery Recycling Sales Market Share by Company (2019-2024)

Table 18. Global Lead Battery Recycling Revenue by Company (2019-2024) (\$ Millions)

Table 19. Global Lead Battery Recycling Revenue Market Share by Company (2019-2024)

Table 20. Global Lead Battery Recycling Sale Price by Company (2019-2024) & (USD/MT)

Table 21. Key Manufacturers Lead Battery Recycling Producing Area Distribution and Sales Area

Table 22. Players Lead Battery Recycling Products Offered

Table 23. Lead Battery Recycling Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Mergers & Acquisitions, Expansion

Table 26. Global Lead Battery Recycling Sales by Geographic Region (2019-2024) & (k



MT)

Table 27. Global Lead Battery Recycling Sales Market Share Geographic Region (2019-2024)

Table 28. Global Lead Battery Recycling Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Lead Battery Recycling Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Lead Battery Recycling Sales by Country/Region (2019-2024) & (k MT)

Table 31. Global Lead Battery Recycling Sales Market Share by Country/Region (2019-2024)

Table 32. Global Lead Battery Recycling Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Lead Battery Recycling Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Lead Battery Recycling Sales by Country (2019-2024) & (k MT)

Table 35. Americas Lead Battery Recycling Sales Market Share by Country (2019-2024)

Table 36. Americas Lead Battery Recycling Revenue by Country (2019-2024) & (\$ Millions)

Table 37. Americas Lead Battery Recycling Revenue Market Share by Country (2019-2024)

Table 38. Americas Lead Battery Recycling Sales by Type (2019-2024) & (k MT)

Table 39. Americas Lead Battery Recycling Sales by Application (2019-2024) & (k MT)

Table 40. APAC Lead Battery Recycling Sales by Region (2019-2024) & (k MT)

Table 41. APAC Lead Battery Recycling Sales Market Share by Region (2019-2024)

Table 42. APAC Lead Battery Recycling Revenue by Region (2019-2024) & (\$ Millions)

Table 43. APAC Lead Battery Recycling Revenue Market Share by Region (2019-2024)

Table 44. APAC Lead Battery Recycling Sales by Source (2019-2024) & (k MT)

Table 45. APAC Lead Battery Recycling Sales by Application (2019-2024) & (k MT)

Table 46. Europe Lead Battery Recycling Sales by Country (2019-2024) & (k MT)

Table 47. Europe Lead Battery Recycling Sales Market Share by Country (2019-2024)

Table 48. Europe Lead Battery Recycling Revenue by Country (2019-2024) & (\$ Millions)

Table 49. Europe Lead Battery Recycling Revenue Market Share by Country (2019-2024)

Table 50. Europe Lead Battery Recycling Sales by Type (2019-2024) & (k MT)

Table 51. Europe Lead Battery Recycling Sales by Application (2019-2024) & (k MT)

Table 52. Middle East & Africa Lead Battery Recycling Sales by Country (2019-2024) &

(k MT)

Table 53. Middle East & Africa Lead Battery Recycling Sales Market Share by Country (2019-2024)

Table 54. Middle East & Africa Lead Battery Recycling Revenue by Country (2019-2024) & (\$ Millions)

Table 55. Middle East & Africa Lead Battery Recycling Revenue Market Share by Country (2019-2024)

Table 56. Middle East & Africa Lead Battery Recycling Sales by Source (2019-2024) & (k MT)

Table 57. Middle East & Africa Lead Battery Recycling Sales by Application (2019-2024) & (k MT)

Table 58. Key Market Drivers & Growth Opportunities of Lead Battery Recycling

Table 59. Key Market Challenges & Risks of Lead Battery Recycling

Table 60. Key Industry Trends of Lead Battery Recycling

Table 61. Lead Battery Recycling Raw Material

Table 62. Key Suppliers of Raw Materials

Table 63. Lead Battery Recycling Distributors List

Table 64. Lead Battery Recycling Customer List

Table 65. Global Lead Battery Recycling Sales Forecast by Region (2025-2030) & (k MT)

Table 66. Global Lead Battery Recycling Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 67. Americas Lead Battery Recycling Sales Forecast by Country (2025-2030) & (k MT)

Table 68. Americas Lead Battery Recycling Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 69. APAC Lead Battery Recycling Sales Forecast by Region (2025-2030) & (k MT)

Table 70. APAC Lead Battery Recycling Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 71. Europe Lead Battery Recycling Sales Forecast by Country (2025-2030) & (k MT)

Table 72. Europe Lead Battery Recycling Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 73. Middle East & Africa Lead Battery Recycling Sales Forecast by Country (2025-2030) & (k MT)

Table 74. Middle East & Africa Lead Battery Recycling Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 75. Global Lead Battery Recycling Sales Forecast by Source (2025-2030) & (k

MT)

Table 76. Global Lead Battery Recycling Revenue Forecast by Source (2025-2030) & (\$ Millions)

Table 77. Global Lead Battery Recycling Sales Forecast by Application (2025-2030) & (k MT)

Table 78. Global Lead Battery Recycling Revenue Forecast by Application (2025-2030) & (\$ Millions)

Table 79. Camel Group Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 80. Camel Group Lead Battery Recycling Product Portfolios and Specifications

Table 81. Camel Group Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 82. Camel Group Main Business

Table 83. Camel Group Latest Developments

Table 84. Tianneng Group Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 85. Tianneng Group Lead Battery Recycling Product Portfolios and Specifications

Table 86. Tianneng Group Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 87. Tianneng Group Main Business

Table 88. Tianneng Group Latest Developments

Table 89. Gianni Mori Engineering (GME) Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 90. Gianni Mori Engineering (GME) Lead Battery Recycling Product Portfolios and Specifications

Table 91. Gianni Mori Engineering (GME) Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 92. Gianni Mori Engineering (GME) Main Business

Table 93. Gianni Mori Engineering (GME) Latest Developments

Table 94. Chaowei Power Holdings Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 95. Chaowei Power Holdings Lead Battery Recycling Product Portfolios and Specifications

Table 96. Chaowei Power Holdings Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 97. Chaowei Power Holdings Main Business

Table 98. Chaowei Power Holdings Latest Developments

Table 99. GS Yuasa Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

- Table 100. GS Yuasa Lead Battery Recycling Product Portfolios and Specifications
- Table 101. GS Yuasa Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)
- Table 102. GS Yuasa Main Business
- Table 103. GS Yuasa Latest Developments
- Table 104. Terrapure (GFL) Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors
- Table 105. Terrapure (GFL) Lead Battery Recycling Product Portfolios and Specifications
- Table 106. Terrapure (GFL) Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)
- Table 107. Terrapure (GFL) Main Business
- Table 108. Terrapure (GFL) Latest Developments
- Table 109. Anhui Huaxin Lead Industry Group Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors
- Table 110. Anhui Huaxin Lead Industry Group Lead Battery Recycling Product Portfolios and Specifications
- Table 111. Anhui Huaxin Lead Industry Group Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)
- Table 112. Anhui Huaxin Lead Industry Group Main Business
- Table 113. Anhui Huaxin Lead Industry Group Latest Developments
- Table 114. The Doe Run Company Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors
- Table 115. The Doe Run Company Lead Battery Recycling Product Portfolios and Specifications
- Table 116. The Doe Run Company Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)
- Table 117. The Doe Run Company Main Business
- Table 118. The Doe Run Company Latest Developments
- Table 119. Gravita India Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors
- Table 120. Gravita India Lead Battery Recycling Product Portfolios and Specifications
- Table 121. Gravita India Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)
- Table 122. Gravita India Main Business
- Table 123. Gravita India Latest Developments
- Table 124. Gopher Resource (ECP) Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors
- Table 125. Gopher Resource (ECP) Lead Battery Recycling Product Portfolios and

## Specifications

Table 126. Gopher Resource (ECP) Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 127. Gopher Resource (ECP) Main Business

Table 128. Gopher Resource (ECP) Latest Developments

Table 129. Umicore Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 130. Umicore Lead Battery Recycling Product Portfolios and Specifications

Table 131. Umicore Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 132. Umicore Main Business

Table 133. Umicore Latest Developments

Table 134. Clarios Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 135. Clarios Lead Battery Recycling Product Portfolios and Specifications

Table 136. Clarios Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 137. Clarios Main Business

Table 138. Clarios Latest Developments

Table 139. Cirba Solutions Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 140. Cirba Solutions Lead Battery Recycling Product Portfolios and Specifications

Table 141. Cirba Solutions Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 142. Cirba Solutions Main Business

Table 143. Cirba Solutions Latest Developments

Table 144. Ecobat Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 145. Ecobat Lead Battery Recycling Product Portfolios and Specifications

Table 146. Ecobat Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 147. Ecobat Main Business

Table 148. Ecobat Latest Developments

Table 149. Aqua Metals Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 150. Aqua Metals Lead Battery Recycling Product Portfolios and Specifications

Table 151. Aqua Metals Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 152. Aqua Metals Main Business



Table 153. Aqua Metals Latest Developments

Table 154. Recylex Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 155. Recylex Lead Battery Recycling Product Portfolios and Specifications

Table 156. Recylex Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 157. Recylex Main Business

Table 158. Recylex Latest Developments

Table 159. Hebei Songhe Recycling Resources Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 160. Hebei Songhe Recycling Resources Lead Battery Recycling Product Portfolios and Specifications

Table 161. Hebei Songhe Recycling Resources Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 162. Hebei Songhe Recycling Resources Main Business

Table 163. Hebei Songhe Recycling Resources Latest Developments

Table 164. Jiangsu Shuangdeng Group Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 165. Jiangsu Shuangdeng Group Lead Battery Recycling Product Portfolios and Specifications

Table 166. Jiangsu Shuangdeng Group Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 167. Jiangsu Shuangdeng Group Main Business

Table 168. Jiangsu Shuangdeng Group Latest Developments

Table 169. Exide Technologies Basic Information, Lead Battery Recycling Manufacturing Base, Sales Area and Its Competitors

Table 170. Exide Technologies Lead Battery Recycling Product Portfolios and Specifications

Table 171. Exide Technologies Lead Battery Recycling Sales (k MT), Revenue (\$ Million), Price (USD/MT) and Gross Margin (2019-2024)

Table 172. Exide Technologies Main Business

Table 173. Exide Technologies Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Lead Battery Recycling
- Figure 2. Lead Battery Recycling Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Lead Battery Recycling Sales Growth Rate 2019-2030 (k MT)
- Figure 7. Global Lead Battery Recycling Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Lead Battery Recycling Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Automobile Lead Acid Battery
- Figure 10. Product Picture of Household Lead Acid Battery
- Figure 11. Product Picture of Industrial and Commercial Lead Acid Battery
- Figure 12. Global Lead Battery Recycling Sales Market Share by Source in 2023
- Figure 13. Global Lead Battery Recycling Revenue Market Share by Source (2019-2024)
- Figure 14. Lead Battery Recycling Consumed in SLI Batteries
- Figure 15. Global Lead Battery Recycling Market: SLI Batteries (2019-2024) & (k MT)
- Figure 16. Lead Battery Recycling Consumed in Light Power Batteries
- Figure 17. Global Lead Battery Recycling Market: Light Power Batteries (2019-2024) & (k MT)
- Figure 18. Lead Battery Recycling Consumed in Backup and Stationary Batteries
- Figure 19. Global Lead Battery Recycling Market: Backup and Stationary Batteries (2019-2024) & (k MT)
- Figure 20. Lead Battery Recycling Consumed in Others
- Figure 21. Global Lead Battery Recycling Market: Others (2019-2024) & (k MT)
- Figure 22. Global Lead Battery Recycling Sales Market Share by Application (2023)
- Figure 23. Global Lead Battery Recycling Revenue Market Share by Application in 2023
- Figure 24. Lead Battery Recycling Sales Market by Company in 2023 (k MT)
- Figure 25. Global Lead Battery Recycling Sales Market Share by Company in 2023
- Figure 26. Lead Battery Recycling Revenue Market by Company in 2023 (\$ Million)
- Figure 27. Global Lead Battery Recycling Revenue Market Share by Company in 2023
- Figure 28. Global Lead Battery Recycling Sales Market Share by Geographic Region (2019-2024)
- Figure 29. Global Lead Battery Recycling Revenue Market Share by Geographic Region in 2023
- Figure 30. Americas Lead Battery Recycling Sales 2019-2024 (k MT)

- Figure 31. Americas Lead Battery Recycling Revenue 2019-2024 (\$ Millions)
- Figure 32. APAC Lead Battery Recycling Sales 2019-2024 (k MT)
- Figure 33. APAC Lead Battery Recycling Revenue 2019-2024 (\$ Millions)
- Figure 34. Europe Lead Battery Recycling Sales 2019-2024 (k MT)
- Figure 35. Europe Lead Battery Recycling Revenue 2019-2024 (\$ Millions)
- Figure 36. Middle East & Africa Lead Battery Recycling Sales 2019-2024 (k MT)
- Figure 37. Middle East & Africa Lead Battery Recycling Revenue 2019-2024 (\$ Millions)
- Figure 38. Americas Lead Battery Recycling Sales Market Share by Country in 2023
- Figure 39. Americas Lead Battery Recycling Revenue Market Share by Country in 2023
- Figure 40. Americas Lead Battery Recycling Sales Market Share by Source (2019-2024)
- Figure 41. Americas Lead Battery Recycling Sales Market Share by Application (2019-2024)
- Figure 42. United States Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 43. Canada Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 44. Mexico Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 45. Brazil Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 46. APAC Lead Battery Recycling Sales Market Share by Region in 2023
- Figure 47. APAC Lead Battery Recycling Revenue Market Share by Regions in 2023
- Figure 48. APAC Lead Battery Recycling Sales Market Share by Source (2019-2024)
- Figure 49. APAC Lead Battery Recycling Sales Market Share by Application (2019-2024)
- Figure 50. China Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 51. Japan Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 52. South Korea Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 53. Southeast Asia Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 54. India Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 55. Australia Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 56. China Taiwan Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 57. Europe Lead Battery Recycling Sales Market Share by Country in 2023
- Figure 58. Europe Lead Battery Recycling Revenue Market Share by Country in 2023
- Figure 59. Europe Lead Battery Recycling Sales Market Share by Source (2019-2024)
- Figure 60. Europe Lead Battery Recycling Sales Market Share by Application (2019-2024)
- Figure 61. Germany Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 62. France Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)



- Figure 63. UK Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 64. Italy Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 65. Russia Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 66. Middle East & Africa Lead Battery Recycling Sales Market Share by Country in 2023
- Figure 67. Middle East & Africa Lead Battery Recycling Revenue Market Share by Country in 2023
- Figure 68. Middle East & Africa Lead Battery Recycling Sales Market Share by Source (2019-2024)
- Figure 69. Middle East & Africa Lead Battery Recycling Sales Market Share by Application (2019-2024)
- Figure 70. Egypt Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 71. South Africa Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 72. Israel Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 73. Turkey Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 74. GCC Country Lead Battery Recycling Revenue Growth 2019-2024 (\$ Millions)
- Figure 75. Manufacturing Cost Structure Analysis of Lead Battery Recycling in 2023
- Figure 76. Manufacturing Process Analysis of Lead Battery Recycling
- Figure 77. Industry Chain Structure of Lead Battery Recycling
- Figure 78. Channels of Distribution
- Figure 79. Global Lead Battery Recycling Sales Market Forecast by Region (2025-2030)
- Figure 80. Global Lead Battery Recycling Revenue Market Share Forecast by Region (2025-2030)
- Figure 81. Global Lead Battery Recycling Sales Market Share Forecast by Source (2025-2030)
- Figure 82. Global Lead Battery Recycling Revenue Market Share Forecast by Source (2025-2030)
- Figure 83. Global Lead Battery Recycling Sales Market Share Forecast by Application (2025-2030)
- Figure 84. Global Lead Battery Recycling Revenue Market Share Forecast by Application (2025-2030)

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