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Global New Energy Vehicle Battery Recycling Service Market 2026 by Company, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/G87FAE40956EEN.html
Date: April 2026
Pages: 104
Price: US$ 3,480.00 (Single User License)
ID: G87FAE40956EEN

Abstracts

According to our (Global Info Research) latest study, the global New Energy Vehicle Battery Recycling Service market size was valued at US$ 2253 million in 2025 and is forecast to a readjusted size of US$ 36677 million by 2032 with a CAGR of 48.9% during review period.

New energy vehicle battery recycling service refers to the collection, transportation, testing, dismantling, reuse, and material recovery of end-of-life batteries from electric vehicles, aiming to extract valuable metals such as lithium, cobalt, nickel, and manganese, while ensuring environmental compliance, resource efficiency, and circular economy integration in the electric mobility industry.

The new energy vehicle battery recycling service industry chain starts upstream with end-of-life battery sources from electric vehicles, battery manufacturers, and collection networks along with logistics providers and diagnostic service suppliers, continues midstream with recycling enterprises conducting battery testing, dismantling, sorting, and processing through mechanical, hydrometallurgical, or pyrometallurgical methods to recover valuable materials or enable second-life applications, and extends downstream to battery manufacturers, materials companies, and energy storage developers that reuse recovered metals or repurposed batteries for new battery production, grid storage systems, and industrial applications, forming a closed-loop circular economy ecosystem.

Global projects under construction and planning include large-scale battery recycling plants in China, Europe, and North America, expansion of integrated recycling and material recovery facilities by leading battery and automotive companies, establishment

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of regional collection and dismantling networks, joint ventures between OEMs and recycling firms to secure raw material supply chains, pilot projects for direct recycling technologies and second-life battery energy storage systems, and government-supported initiatives aimed at building closed-loop battery ecosystems, increasing recycling capacity, improving resource efficiency, and meeting regulatory requirements for sustainable electric vehicle industry development.

2025 Global Market Average Gross Profit Margin: 22%.

The new energy vehicle battery recycling service market is entering a rapid expansion phase as early generations of electric vehicle batteries reach end-of-life, creating a surge in recyclable volume and driving the development of a circular battery economy, with governments worldwide implementing strict regulations and incentives to promote recycling and reduce dependence on primary raw material mining. Asia-Pacific, particularly China, dominates the market due to its large electric vehicle fleet, mature recycling infrastructure, and strong policy support, while Europe is rapidly scaling up capacity under regulatory frameworks emphasizing sustainability and traceability, and North America is increasing investments to localize supply chains and reduce reliance on imported critical minerals.

Market opportunities are significant, driven by rising demand for lithium, cobalt, and nickel, increasing battery production, and the economic benefits of recovered materials, while second-life battery applications in energy storage present additional value streams; however, risks include fluctuating raw material prices, technological uncertainties in recycling efficiency, high capital and operational costs, and evolving regulatory requirements that may impact profitability. Market trends indicate a shift from traditional pyrometallurgical processes toward more environmentally friendly hydrometallurgical and direct recycling technologies, increasing automation and digitalization in battery tracking and processing, and stronger collaboration across the value chain to establish closed-loop systems.

Competitive characteristics show a fragmented yet rapidly consolidating landscape, with participation from specialized recycling companies, battery manufacturers, automotive OEMs, and chemical firms, where competitive advantage is driven by processing technology, recovery efficiency, cost control, and access to battery feedstock, while strategic partnerships, vertical integration, and long-term supply agreements are becoming critical for securing stable input volumes and achieving economies of scale in this capital-intensive and regulation-driven industry.

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This report is a detailed and comprehensive analysis for global New Energy Vehicle Battery Recycling Service market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global New Energy Vehicle Battery Recycling Service market size and forecasts, in consumption value ($ Million), 2021-2032

Global New Energy Vehicle Battery Recycling Service market size and forecasts by region and country, in consumption value ($ Million), 2021-2032

Global New Energy Vehicle Battery Recycling Service market size and forecasts, by Type and by Application, in consumption value ($ Million), 2021-2032

Global New Energy Vehicle Battery Recycling Service market shares of main players, in revenue ($ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for New Energy Vehicle Battery Recycling Service
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace
This report profiles key players in the global New Energy Vehicle Battery Recycling Service market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Umicore, Jiangxi Green Recycling Co., Ltd., Beijing Saidemei Resource Recycling Research Institute Co., Ltd., Ganfeng Lithium Group Co., Ltd., SK Tes, Glencore Plc Li-Cycle, Guangdong Guanghua Sci-Tech Co., Ltd., ACCUREC Recycling GmbH, Ecobat, Snam Groupe, etc.
This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

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New Energy Vehicle Battery Recycling Service market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Cascade Utilization

Element Recycling

Market segment by Battery Chemistry

Lead-Acid Recycling

Lithium-Ion Recycling

Nickel-Metal Hydride Recycling

Nickel-Cadmium Recycling

Market segment by Recycling Process Technology

Pyrometallurgical Recycling

Hydrometallurgical Recycling

Mechanical Recycling

Direct Regeneration Recycling

Market segment by Application

BEV

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PHEV

Market segment by players, this report covers

Umicore

Jiangxi Green Recycling Co., Ltd.

Beijing Saidemei Resource Recycling Research Institute Co., Ltd.

Ganfeng Lithium Group Co., Ltd.

SK Tes

Glencore Plc Li-Cycle

Guangdong Guanghua Sci-Tech Co., Ltd.

ACCUREC Recycling GmbH

Ecobat

Snam Groupe

CATL (Brunp Cycle)

Tianqi automation engineering Limited

Camel Group

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia, Italy and Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)
South America (Brazil, Rest of South America)

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Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe New Energy Vehicle Battery Recycling Service product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of New Energy Vehicle Battery Recycling Service, with revenue, gross margin, and global market share of New Energy Vehicle Battery Recycling Service from 2021 to 2026.

Chapter 3, the New Energy Vehicle Battery Recycling Service competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026.and New Energy Vehicle Battery Recycling Service market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of New Energy Vehicle Battery Recycling Service.

Chapter 13, to describe New Energy Vehicle Battery Recycling Service research findings and conclusion.

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