

# **Global Lithium Ion Battery Recycling and Cascaded Utilization Supply, Demand and Key Producers, 2023-2029**

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## **Abstracts**

The global Lithium Ion Battery Recycling and Cascaded Utilization market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Lithium-ion battery recycling and cascaded utilization refers to the process of recovering valuable materials from used or end-of-life lithium-ion batteries and repurposing them for use in new batteries or other applications. This process involves several steps, including dismantling, sorting, shredding, and refining, to extract metals such as lithium, cobalt, nickel, and copper, which are then purified and processed into new batteries or other products.

Cascaded utilization refers to the reuse of these materials in multiple applications, rather than simply recycling them once and then discarding them. For example, materials recovered from end-of-life batteries can be used to produce new batteries, but they can also be used in other applications such as energy storage systems, construction materials, and consumer electronics.

Lithium-ion battery recycling and cascaded utilization is becoming increasingly important as the demand for lithium-ion batteries grows, particularly in the electric vehicle and energy storage industries. By recycling and repurposing materials from used batteries, this process can help reduce waste, lower the environmental impact of battery production, and extend the lifespan of valuable resources.

This report studies the global Lithium Ion Battery Recycling and Cascaded Utilization demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Lithium Ion Battery Recycling and Cascaded Utilization, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Lithium Ion Battery Recycling and Cascaded Utilization that contribute to its increasing demand across many markets.

### Highlights and key features of the study

Global Lithium Ion Battery Recycling and Cascaded Utilization total market, 2018-2029, (USD Million)

Global Lithium Ion Battery Recycling and Cascaded Utilization total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: Lithium Ion Battery Recycling and Cascaded Utilization total market, key domestic companies and share, (USD Million)

Global Lithium Ion Battery Recycling and Cascaded Utilization revenue by player and market share 2018-2023, (USD Million)

Global Lithium Ion Battery Recycling and Cascaded Utilization total market by Type, CAGR, 2018-2029, (USD Million)

Global Lithium Ion Battery Recycling and Cascaded Utilization total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global Lithium Ion Battery Recycling and Cascaded Utilization 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 Beihai Lithium Energy, Ganfeng Lithium Group, GEM, Hubei Zhonghuan New Material Technology Co., Ltd., Brunp, Huayou Cobalt, Guanghua Technology, Jiangxi Haopeng Technology Co., Ltd. and Fujian Evergreen New Energy Technology Co.,Ltd, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Lithium Ion Battery Recycling and Cascaded Utilization market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Lithium Ion Battery Recycling and Cascaded Utilization Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Lithium Ion Battery Recycling and Cascaded Utilization Market, Segmentation by Type

LiCoO<sub>2</sub> Battery

NMC Battery

LiFePO<sub>4</sub> Battery

## Global Lithium Ion Battery Recycling and Cascaded Utilization Market, Segmentation by Application

Automotive

Marine

Industrial

Electric Power

Others

### Companies Profiled:

Beihai Lithium Energy

Ganfeng Lithium Group

GEM

Hubei Zhonghuan New Material Technology Co., Ltd.

Brunp

Huayou Cobalt

Guanghua Technology

Jiangxi Haopeng Technology Co., Ltd.

Fujian Evergreen New Energy Technology Co.,Ltd

Changhong Gerun

Nandu

New Era Zhongneng

Hengchaung Ruineng

Jinsheng New Energy

CNGR Advanced Material Co., Ltd.

Fangyuan New Materials

Tianqi

### Key Questions Answered

1. How big is the global Lithium Ion Battery Recycling and Cascaded Utilization market?
2. What is the demand of the global Lithium Ion Battery Recycling and Cascaded Utilization market?
3. What is the year over year growth of the global Lithium Ion Battery Recycling and Cascaded Utilization market?
4. What is the total value of the global Lithium Ion Battery Recycling and Cascaded Utilization market?
5. Who are the major players in the global Lithium Ion Battery Recycling and Cascaded Utilization market?
6. What are the growth factors driving the market demand?

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