

South Korea Battery Recycling Market Size, Share, Trends and Forecast by Type, Source, End Use, Material, and Region, 2026-2034

<https://marketpublishers.com/r/SD29C028F3D6EN.html>

Date: July 2026

Pages: 116

Price: US\$ 2,999.00 (Single User License)

ID: SD29C028F3D6EN

Abstracts

The South Korea battery recycling market size reached USD 346.5 Million in 2025. The market is projected to reach USD 736.1 Million by 2034, exhibiting a growth rate (CAGR) of 8.47 % during 2026-2034. The market is expanding due to the increasing volume of end-of-life electric vehicle batteries and stronger environmental regulations. Additionally, advancements in material recovery technologies and growing industry partnerships continue to support South Korea battery recycling market share across both the automotive and energy storage sectors.

SOUTH KOREA BATTERY RECYCLING MARKET TRENDS:

EV Expansion Fuels Recycling Demand

The rapid growth of electric vehicles (EVs) is reshaping the South Korea battery recycling market growth landscape. As more consumers and fleet operators switch to EVs, the volume of end-of-life batteries is increasing steadily. This shift is creating an urgent need for structured recycling systems that can handle lithium-ion batteries safely and efficiently. Manufacturers are also under rising pressure to reduce their reliance on imported raw materials such as lithium, cobalt, and nickel—metals that are critical for battery production. Recycling spent batteries helps recover these materials, lowering production costs and promoting supply chain stability. In response to this need, several Korean companies are expanding their recycling operations and investing in advanced technologies that improve recovery rates. For example, recent announcements include the construction of new hydrometallurgical facilities that can extract valuable metals more cleanly and with higher efficiency. Additionally, automotive firms are entering long-term partnerships with recyclers to build closed-loop systems that feed recovered

materials back into new battery production. This trend not only supports economic goals but also aligns with South Korea's environmental targets to reduce waste and greenhouse gas emissions. As EV adoption accelerates, battery recycling will play a central role in sustaining the industry's growth.

Policies and Technology Shape the Sector

Stronger environmental regulations and advances in recycling methods are significantly shaping the battery recycling market in South Korea. Policymakers are enforcing stricter rules on the collection and processing of used batteries from both vehicles and electronic devices. These rules are encouraging businesses to adopt safer and more effective recycling practices. At the same time, innovations in recycling techniques—such as automation and chemical refinement—are making it possible to recover a greater percentage of critical materials. This has made battery recycling more appealing from both an environmental and economic standpoint. Companies are also finding new uses for retired batteries, especially in stationary energy storage systems. A recent trend involves using old EV batteries for solar power storage in remote or industrial areas, extending their lifespan and reducing waste. Meanwhile, South Korea's goal to become a leader in global battery production is pushing local companies to secure raw materials domestically. This is boosting investments in research and development, particularly in next-generation recycling technologies. Collaborations between startups, universities, and major corporations are accelerating progress and helping commercialize new solutions. These developments are positioning South Korea as a strong player in the circular battery economy, while also supporting sustainability goals across sectors.

SOUTH KOREA BATTERY RECYCLING MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional level for 2026-2034. Our report has categorized the market based on type, source, end use, and material.

Type Insights:

Lead-acid Batteries

Nickel-based Batteries

Lithium-based Batteries

Others

The report has provided a detailed breakup and analysis of the market based on the type. This includes lead-acid batteries, nickel-based batteries, lithium-based batteries, and others.

Source Insights:

Industrial

Automotive

Consumer Products

Electronic Appliances

Others

The report has provided a detailed breakup and analysis of the market based on the source. This includes industrial, automotive, consumer products, electronic appliances, and others.

End Use Insights:

Reuse

Repackaging

Extraction

Others

The report has provided a detailed breakup and analysis of the market based on the end use. This includes reuse, repackaging, extraction, and others.

Material Insights:

South Korea Battery Recycling Market Size, Share, Trends and Forecast by Type, Source, End Use, Material, and...

Manganese

Iron

Lithium

Nickel

Cobalt

Lead

Aluminium

Others

A detailed breakup and analysis of the market based on the material have also been provided in the report. This includes manganese, iron, lithium, nickel, cobalt, lead, aluminium, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

South Korea Battery Recycling Market Size, Share, Trends and Forecast by Type, Source, End Use, Material, and...

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea battery recycling market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea battery recycling market on the basis of type?

What is the breakup of the South Korea battery recycling market on the basis of source?

What is the breakup of the South Korea battery recycling market on the basis of end use?

What is the breakup of the South Korea battery recycling market on the basis of material?

What is the breakup of the South Korea battery recycling market on the basis of region?

What are the various stages in the value chain of the South Korea battery recycling market?

What are the key driving factors and challenges in the South Korea battery recycling market?

What is the structure of the South Korea battery recycling market and who are the key players?

What is the degree of competition in the South Korea battery recycling market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA BATTERY RECYCLING MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA BATTERY RECYCLING MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA BATTERY RECYCLING MARKET - BREAKUP BY TYPE

- 6.1 Lead-acid Batteries
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Nickel-based Batteries
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

6.3 Lithium-based Batteries

6.3.1 Overview

6.3.2 Historical and Current Market Trends (2020-2025)

6.3.3 Market Forecast (2026-2034)

6.4 Others

6.4.1 Historical and Current Market Trends (2020-2025)

6.4.2 Market Forecast (2026-2034)

7 SOUTH KOREA BATTERY RECYCLING MARKET - BREAKUP BY SOURCE

7.1 Industrial

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Automotive

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Consumer Products

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

7.4 Electronic Appliances

7.4.1 Overview

7.4.2 Historical and Current Market Trends (2020-2025)

7.4.3 Market Forecast (2026-2034)

7.5 Others

7.5.1 Historical and Current Market Trends (2020-2025)

7.5.2 Market Forecast (2026-2034)

8 SOUTH KOREA BATTERY RECYCLING MARKET - BREAKUP BY END USE

8.1 Reuse

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Repackaging

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

8.3 Extraction

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

8.4 Others

8.4.1 Historical and Current Market Trends (2020-2025)

8.4.2 Market Forecast (2026-2034)

9 SOUTH KOREA BATTERY RECYCLING MARKET - BREAKUP BY MATERIAL

9.1 Manganese

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Forecast (2026-2034)

9.2 Iron

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Forecast (2026-2034)

9.3 Lithium

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Forecast (2026-2034)

9.4 Nickel

9.4.1 Overview

9.4.2 Historical and Current Market Trends (2020-2025)

9.4.3 Market Forecast (2026-2034)

9.5 Cobalt

9.5.1 Overview

9.5.2 Historical and Current Market Trends (2020-2025)

9.5.3 Market Forecast (2026-2034)

9.6 Lead

9.6.1 Overview

9.6.2 Historical and Current Market Trends (2020-2025)

9.6.3 Market Forecast (2026-2034)

9.7 Aluminium

9.7.1 Overview

9.7.2 Historical and Current Market Trends (2020-2025)

9.7.3 Market Forecast (2026-2034)

9.8 Others

9.8.1 Historical and Current Market Trends (2020-2025)

9.8.2 Market Forecast (2026-2034)

10 SOUTH KOREA BATTERY RECYCLING MARKET – BREAKUP BY REGION

10.1 Seoul Capital Area

10.1.1 Overview

10.1.2 Historical and Current Market Trends (2020-2025)

10.1.3 Market Breakup by Type

10.1.4 Market Breakup by Source

10.1.5 Market Breakup by End Use

10.1.6 Market Breakup by Material

10.1.7 Key Players

10.1.8 Market Forecast (2026-2034)

10.2 Yeongnam (Southeastern Region)

10.2.1 Overview

10.2.2 Historical and Current Market Trends (2020-2025)

10.2.3 Market Breakup by Type

10.2.4 Market Breakup by Source

10.2.5 Market Breakup by End Use

10.2.6 Market Breakup by Material

10.2.7 Key Players

10.2.8 Market Forecast (2026-2034)

10.3 Honam (Southwestern Region)

10.3.1 Overview

10.3.2 Historical and Current Market Trends (2020-2025)

10.3.3 Market Breakup by Type

10.3.4 Market Breakup by Source

10.3.5 Market Breakup by End Use

10.3.6 Market Breakup by Material

10.3.7 Key Players

10.3.8 Market Forecast (2026-2034)

10.4 Hoseo (Central Region)

10.4.1 Overview

10.4.2 Historical and Current Market Trends (2020-2025)

10.4.3 Market Breakup by Type

10.4.4 Market Breakup by Source

- 10.4.5 Market Breakup by End Use
- 10.4.6 Market Breakup by Material
- 10.4.7 Key Players
- 10.4.8 Market Forecast (2026-2034)
- 10.5 Others
 - 10.5.1 Historical and Current Market Trends (2020-2025)
 - 10.5.2 Market Forecast (2026-2034)

11 SOUTH KOREA BATTERY RECYCLING MARKET – COMPETITIVE LANDSCAPE

- 11.1 Overview
- 11.2 Market Structure
- 11.3 Market Player Positioning
- 11.4 Top Winning Strategies
- 11.5 Competitive Dashboard
- 11.6 Company Evaluation Quadrant

12 PROFILES OF KEY PLAYERS

- 12.1 Company A
 - 12.1.1 Business Overview
 - 12.1.2 Services Offered
 - 12.1.3 Business Strategies
 - 12.1.4 SWOT Analysis
 - 12.1.5 Major News and Events
- 12.2 Company B
 - 12.2.1 Business Overview
 - 12.2.2 Services Offered
 - 12.2.3 Business Strategies
 - 12.2.4 SWOT Analysis
 - 12.2.5 Major News and Events
- 12.3 Company C
 - 12.3.1 Business Overview
 - 12.3.2 Services Offered
 - 12.3.3 Business Strategies
 - 12.3.4 SWOT Analysis
 - 12.3.5 Major News and Events
- 12.4 Company D
 - 12.4.1 Business Overview

- 12.4.2 Services Offered
- 12.4.3 Business Strategies
- 12.4.4 SWOT Analysis
- 12.4.5 Major News and Events
- 12.5 Company E
 - 12.5.1 Business Overview
 - 12.5.2 Services Offered
 - 12.5.3 Business Strategies
 - 12.5.4 SWOT Analysis
 - 12.5.5 Major News and Events

13 SOUTH KOREA BATTERY RECYCLING MARKET - INDUSTRY ANALYSIS

- 13.1 Drivers, Restraints, and Opportunities
 - 13.1.1 Overview
 - 13.1.2 Drivers
 - 13.1.3 Restraints
 - 13.1.4 Opportunities
- 13.2 Porters Five Forces Analysis
 - 13.2.1 Overview
 - 13.2.2 Bargaining Power of Buyers
 - 13.2.3 Bargaining Power of Suppliers
 - 13.2.4 Degree of Competition
 - 13.2.5 Threat of New Entrants
 - 13.2.6 Threat of Substitutes
- 13.3 Value Chain Analysis

14 APPENDIX

I would like to order

Product name: South Korea Battery Recycling Market Size, Share, Trends and Forecast by Type, Source, End Use, Material, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/SD29C028F3D6EN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SD29C028F3D6EN.html>