

Battery cabinet waste price trend chart

How big is the battery recycling market?

Still in its infancy, the global battery recycling market is projected to grow roughly seven-fold over the next decade, reaching 24 billion U.S. dollars by 2033. Research lead covering environment and sustainability
Discover all statistics and data on Li-ion battery recycling now on [statista.com](https://www.statista.com)!

What are the key trends shaping the battery recycling industry?

The battery recycling market is witnessing a dynamic evolution, marked by eight key trends shaping the industry's landscape and driving sustainability efforts forward. Julia Harty, energy transition analyst at Fastmarkets explores these in more detail. 1. Oversupply of battery metals has pushed down metal prices

What is the future of battery recycling?

As such, a new industry is now developing around the recovery of valuable minerals from spent lithium-ion batteries. Still in its infancy, the global battery recycling market is projected to grow roughly seven-fold over the next decade, reaching 24 billion U.S. dollars by 2033. Research lead covering environment and sustainability

What percentage of batteries will be recycled in 2040?

With scrap rates reducing significantly, it will comprise ~10% of the market in 2040. ~5,950 kt of end-of-life batteries in 2040 will drive the market. In 2035, recycled material may account for up to 30% of Li, Ni, and Co demand for battery cell production. The EU recycling targets are expected to be met, with only minor deviations.

What is the responsible Battery Recycling Act of 2022?

Responsible Battery Recycling Act of 2022 California instructs each battery retailer in the state to have a system for collection of used rechargeable batteries for recycling and reusing purposes.

What is the market share of lead-acid batteries in 2023?

Based on chemistry, the lead-acid segment dominated the market for a revenue share of more than 84.0% in 2023. Lead-acid batteries are suitable for recycling compared to other batteries owing to an extensive usage of reusable lead and plastics for manufacturing.

In 2022, around 244 000 tonnes of portable batteries and accumulators were put on the market (sales) in the EU, while around 111 000 tonnes of used portable batteries and accumulators were collected as recyclable waste. Thus, slightly less than half (46%) of the average annual sales of portable batteries (calculated on the period 2020-2022 ...

This report provides key data on the battery recycling industry worldwide, with a focus on lithium-ion batteries. It includes figures on market size and recycling capacity development, as well...

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Battery Recycling Market Size & Trends . The global battery recycling market size was estimated at USD 1.83 billion in 2023 and is expected to grow at a compound annual growth rate (CAGR) of 37.6% from 2024 to 2030. The industry is expected to grow rapidly during the forecast period owing to increasing popularity of electric vehicles (EVs) and ...

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The global battery recycling market growth is propelled by: Stringent government policies and rising battery waste disposal; Declining prices of lithium-ion battery; Increasing adoption of electric vehicles

Global Battery Recycling Market size was valued at USD 24.34 billion in 2022 and is poised to grow from USD 26.90 billion in 2023 to USD 59.78 billion by 2031, growing at a CAGR of 10.5% in the forecast period (2024-2031).

With more recycle available at competitive cost, a positive impact on battery prices can be expected through reducing CAM price by up to 20%, further spurring electrification and ...

Global Battery Recycling Market Size, Share, and COVID-19 Impact Analysis, By Battery Type (Lead Acid Battery, Nickel Cadmium Battery, Nickel Metal Hydride Battery, Lithium-Ion ...

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Global Battery Recycling Market Size, Share, and COVID-19 Impact Analysis, By Battery Type (Lead Acid Battery, Nickel Cadmium Battery, Nickel Metal Hydride Battery, Lithium-Ion Battery, Other Battery Types), By Battery Recycling (Extraction of Materials, Reuse, Repackaging & Second Life, Disposal, Others), By Application (Industrial, Consumer ...

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