

# **Middle East Battery Recycling Market Size, Share & Trends Analysis Report By Chemistry (Lithium-ion, Lead Acid), By Application (Transportation, Consumer Electronics), By Country, And Segment Forecasts, 2025 - 2033**

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## **Abstracts**

### **Middle East Battery Recycling Market Summary**

The Middle East battery recycling market size was estimated at approximately USD 71.6 million in 2024 and is projected to reach USD 281.3 million by 2033, growing at a CAGR of 15.2% from 2025 to 2033. Recycling deployment in the region spans lead-acid, lithium-ion, nickel, and other chemistries, supporting applications across transportation, industrial, and consumer electronics sectors.

National strategies such as Saudi Vision 2030, the UAE's Circular Economy Policy 2031, and Oman's National Energy Strategy are accelerating investments in sustainable waste management systems to enhance resource security, reduce landfill dependency, and recover critical raw materials. Countries across the Gulf Cooperation Council (GCC), Turkey, Israel, and the Levant are increasingly adopting recycling facilities to process used automotive batteries, e-mobility packs, and energy storage systems, while supporting regional goals of reducing carbon footprints and achieving higher levels of resource efficiency.

Growth in the market is driven by the rapid uptake of electric vehicles (EVs), expansion of renewable-plus-storage projects, and stringent regulatory frameworks promoting extended producer responsibility (EPR) and circular economy practices. Advances in hydrometallurgical and pyrometallurgical recycling and the emergence of direct recycling technologies are improving recovery yields for lithium, cobalt, nickel, and lead.

Industrial recycling hubs capable of processing mixed chemistries are gaining traction for handling legacy lead-acid streams and new-generation lithium-ion waste from grid storage and EV fleets. Regional initiatives, such as cross-border recycling partnerships in the GCC and technology collaborations with Europe and Asia, are expected to strengthen supply chains and reduce reliance on imported raw materials. With leading companies such as EnviroServe, Duesmann & Hensel Recycling, TES, and regional utilities spearheading collection and processing initiatives, the Middle East battery recycling industry is set for robust and sustained growth over the coming decade.

### Middle East Battery Recycling Market Report Segmentation

This report forecasts revenue & volume growth at country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East battery recycling market report based on chemistry, application, and country.

Chemistry Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Lithium-ion

Lead Acid

Nickel

Others

Application Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Transportation

Consumer electronics

Industrial

Country Outlook (Volume, Tons; Revenue, USD Million, 2021 - 2033)

Middle East

UAE

Saudi Arabia

Israel

Oman

Qatar

**This report can be delivered to the clients within 8 Business Days**

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