

# Middle East Lithium-ion Battery Market Size, Share & Trends Analysis Report By Product, By Application (Automotive, Consumer Electronics, Industrial, Energy Storage Systems), By Country, And Segment Forecasts, 2025 - 2033

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## Abstracts

### Middle East Lithium-ion Battery Market Summary

The Middle East lithium-ion battery market size was estimated at approximately USD 0.89 billion in 2024 and is projected to reach USD 3.47 billion by 2033, growing at a CAGR of 16.4% from 2025 to 2033. Demand is fueled by rapid advancements in electric mobility, renewable energy integration, and grid modernization, with lithium-ion batteries serving as a critical enabler of the region's clean energy transition.

National strategies such as Saudi Vision 2030, the UAE's Energy Strategy 2050, and Egypt's renewable expansion plans are accelerating investments in energy storage solutions to support solar, wind, and hydrogen projects. Countries such as Saudi Arabia, the UAE, Egypt, and Israel increasingly prioritize battery projects to strengthen electric vehicle (EV) adoption, stabilize renewable-heavy grids, and power industrial applications, creating a diverse demand landscape across sectors.

Growth in the Middle East lithium-ion battery industry is driven by rising EV adoption, large-scale renewable integration, and strong government support for localized battery manufacturing and supply chain development. Technological advancements in solid-state batteries, recycling solutions, and grid-scale storage systems are improving performance, cost efficiency, and sustainability. Integrated storage networks connecting renewable energy plants, industrial hubs, and residential deployments are becoming critical to balancing electricity demand while reducing carbon emissions. Strategic

partnerships between regional developers and global battery leaders are accelerating the deployment of lithium-ion systems across transportation, industrial, and utility applications. With leading companies such as Tesla, CATL, Samsung SDI, Panasonic, and regional players like Masdar and ACWA Power spearheading large-scale investments, the market is set for steady and long-term growth over the next decade.

## Middle East Lithium-ion Battery Market Report Segmentation

This report forecasts volume & revenue growth at the regional and 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 Lithium-ion Battery market report on the basis of product, application, and country:

### Product Outlook (Volume, GWh; Revenue, USD Million, 2021 - 2033)

Lithium cobalt oxide (LCO)

Lithium iron phosphate (LFP)

Lithium Nickel Cobalt Aluminum Oxide (NCA)

Lithium Manganese Oxide (LMO)

Lithium Titanate

Lithium Nickel Manganese Cobalt (LMC)

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

Automotive

Consumer Electronics

Industrial

Energy Storage Systems

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

Middle East

UAE

Saudi Arabia

Israel

Turkey

Egypt

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

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