

Mexico Lithium-Ion Battery Market Size, Share, Trends and Forecast by Product Type, Power Capacity, Application, and Region, 2026-2034

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Abstracts

The Mexico lithium-ion battery market size reached USD 882.6 Million in 2025 . Looking forward, IMARC Group expects the market to reach USD 2,729.4 Million by 2034 , exhibiting a growth rate (CAGR) of 12.96 % during 2026-2034 . The market is driven by rising electric vehicle adoption, growth in renewable energy storage, expanding electronics manufacturing, and government support for sustainable mobility. Strategic location near the U.S., growing lithium exploration activity, and increasing industrial electrification also contribute to demand for advanced battery technologies.

MEXICO LITHIUM-ION BATTERY MARKET TRENDS:

Emergence of Local Lithium Refining and Battery Manufacturing Initiatives In response to the increasing strategic importance of lithium, Mexico is seeing early-stage development of domestic refining and battery manufacturing infrastructure. Projects in Sonora and other northern states are exploring lithium extraction and processing, aiming to establish a vertically integrated supply chain. Government-backed efforts, including the creation of state-owned company LitoMX, reflect the national agenda to secure and capitalize on lithium resources for domestic value creation. These initiatives are expected to reduce import reliance and attract international partnerships for technology transfer and investment. Although currently limited in output, these steps signal the country's intent to become a regional player in battery materials and production. This trend could accelerate industrial participation and job creation in battery manufacturing clusters over the coming years. For instance, Cenntro Automotive M?xico, a subsidiary of the U.S.-based Cenntro Electric Group, committed USD 200 Million over a three-year period through 2026 to set up a lithium-ion battery manufacturing plant in Nuevo Le?n. The 10,436-square-meter facility was scheduled to

begin operations in the second quarter of 2023. This investment aligns with Cenntro's efforts to grow its electric vehicle distribution network in Mexico, focusing on government and commercial fleet segments.

Supply Chain Localization Driven by USMCA and Nearshoring The United States-Mexico-Canada Agreement (USMCA) is influencing automakers and battery suppliers to localize lithium-ion battery production within North America. Mexico, with its strong automotive base, is benefiting from this shift through increased investment in battery pack assembly, module integration, and related logistics. Nearshoring strategies aim to mitigate risks associated with long supply chains and global disruptions, while also meeting regional content requirements for EV incentives. Tier-1 and Tier-2 suppliers are setting up operations in key industrial corridors such as Nuevo Le?n and Guanajuato, often in proximity to major OEMs. This trend supports technology transfer, employment, and supply chain resilience, positioning Mexico as a competitive node in the North American battery ecosystem. For instance, in July 2024, Mexico and Buenos Aires signed a cooperation agreement to advance lithium value chain technologies through joint research. The deal, involving Litio para M?xico (LitioMx) and Buenos Aires' CIC, focuses on lithium extraction from clay and aims to strengthen local capabilities. Supported by CAF and academic institutions like CONICET and Universidad Nacional de La Plata, the initiative includes developing a Renewable Energy Research Center.

MEXICO LITHIUM-ION BATTERY 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 levels for 2026-2034. Our report has categorized the market based on product type, power capacity, and application.

Product Type Insights:

Lithium Cobalt Oxide

Lithium Iron Phosphate

Lithium Nickel Manganese Cobalt

Lithium Manganese Oxide

Others

The report has provided a detailed breakup and analysis of the market based on the product type. This includes lithium cobalt oxide, lithium iron phosphate, lithium nickel manganese cobalt, lithium manganese oxide, and others.

Power Capacity Insights:

0 to 3000mAh

3000mAh to 10000mAh

10000mAh to 60000mAh

More than 60000mAh

A detailed breakup and analysis of the market based on the power capacity have also been provided in the report. This includes 0 to 3000mAh, 3000mAh to 10000mAh, 10000mAh to 60000mAh, and more than 60000mAh.

Application Insights:

Consumer Electronics

Electric Vehicles

Energy Storage

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes consumer electronics, electric vehicles, energy storage, and others.

Regional Insights:

Northern Mexico

Central Mexico

Southern Mexico

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Northern Mexico, Central Mexico, and Southern Mexico, and others.

COMPETITIVE LANDSCAPE:

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 Mexico lithium-ion battery market performed so far and how will it perform in the coming years?

What is the breakup of the Mexico lithium-ion battery market on the basis of product type?

What is the breakup of the Mexico lithium-ion battery market on the basis of power capacity?

What is the breakup of the Mexico lithium-ion battery market on the basis of application?

What are the various stages in the value chain of the Mexico lithium-ion battery market?

What are the key driving factors and challenges in the Mexico lithium-ion battery market?

What is the structure of the Mexico lithium-ion battery market and who are the

key players?

What is the degree of competition in the Mexico lithium-ion battery market?

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