

Global Lithium Metal Market Size study & Forecast, by Application (Batteries, Alloys, Intermediate, Others), by Source (Salt Brine Deposits, Lithium-Rich Clays) and Regional Analysis, 2023-2030

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Abstracts

Global Lithium Metal Market is valued at approximately USD 4.3 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 12.1% during the forecast period 2023-2030. Lithium metal is a chemical element with the symbol Li and atomic number 3. It is a soft, silver-white metal that belongs to the alkali metal group of the periodic table. Lithium is highly reactive and flammable, and it is typically stored in mineral oil to prevent it from reacting with moisture and oxygen in the air. The key factors driving the market growth are the growing adoption of electric vehicles, rising demand for portable electronic devices, growing consumer electronics market, and rising need for energy storage solutions, including large-scale batteries for renewable energy storage and grid stabilization which are anticipated to support the market growth.

Additionally, the growing adoption of Electric Vehicles (EVs) has a significant impact on the demand for lithium, and consequently, it supports the growth of the Lithium Metal Market. According to the latest report from the Federation of Automobile Dealers Association (FADA) in India, electric passenger vehicle sales have experienced significant growth. As of March 2023, the sales figure stands at 8,566 units, marking a significant increase from the 3,718 units sold in March 2022. Similarly, the German Association of the Automotive Industry reports a robust performance in the German market. In 2022, the sales of passenger electric vehicles reached an impressive 833,500 units, reflecting a remarkable 22% increase compared to the figures from 2021. As a result, the rising adoption of electric passenger vehicles is anticipated to support the market growth. Moreover, ongoing advancements in battery technology, including

improvements in energy density and efficiency, supportive government initiatives and incentives aimed at promoting clean energy and reducing greenhouse gas emissions are anticipated to create a lucrative opportunity for the market during the projected year. However, the commercialization of alternate substitutes and technologies stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Lithium Metal Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing EV demand, rising electronics sector, presence of key market players. Whereas, the Asia Pacific is expected to grow with the highest CAGR over the forecast period, owing to factors such as the presence of large-scale battery production facilities, growing adoption of electric vehicles, supportive government policies and incentives for the electric vehicle and renewable energy sectors, and growing consumer electronics demand.

Major market player included in this report are:

Lithium Co., Ltd. (China)

Tianqui Lithium Industries Inc. (China)

Shenzhen Chengxin Lithium Group Co. Ltd. (China)

Albemarle Corporation (US)

Livent Corporation (US)

Shanghai China Lithium Industrial Co., Ltd. (China)

China Energy Lithium Co., Ltd. (China)

CNNC Jianzhong Nuclear Fuel Co., Ltd.

Mineral Resources Limited

Allkem Limited

Recent Developments in the Market:

In May 2022, Livent Corporation and Lilium NV have entered into a collaborative agreement, committing to joint research and development efforts focused on advancing high-performance lithium batteries.

Global Lithium Metal Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Application, Source, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Batteries

Alloys

Intermediate

Others

By Source:

Salt Brine Deposits

Lithium-Rich Clays

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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