

Global Lithium Market with Focus on Lithium-ion Batteries: Industry Analysis & Outlook (2018-2022)

<https://marketpublishers.com/r/GE1D29AFC6AEN.html>

Date: May 2018

Pages: 77

Price: US\$ 1,000.00 (Single User License)

ID: GE1D29AFC6AEN

Abstracts

Lithium is a silver-white colored soft metal that belongs to the alkali metal group. Lithium is the lightest element known and has strong electrochemical potential. It is highly reactive element making it flammable and potentially explosive when exposed to air and water and is usually stored in mineral oil to preserve it from corrosion and tarnish.

Lithium has a number of unique properties including high electrochemical reactivity, a low thermal expansion coefficient and high specific heat capacity. These properties allow lithium to be used in a wide range of industrial applications, including ceramics, lubricants, and glass, but the largest (and highest growth segment) of the global lithium market is its use in the manufacture of Lithium-ion (Li-ion) batteries. Lithium is also used in mental health in the form of lithium carbonate, which is a common medication for bipolar disorder to stabilize mood swings caused by illness.

Lithium-ion batteries have become the most important application of lithium and storage technology in the areas of portable and mobile applications (e.g. laptops, cell phones, smartphones, tablets, power tools, medical devices electric bicycles, electric cars).

The global lithium market is expected to grow in future due to decreasing lithium-ion battery costs, growth in energy storage system, growth in electric vehicles market, increasing demand for traditional market, strong growth of lithium-ion batteries and favorable lithium pricing. Key trends in this market include government support, new lithium projects and technological advancements in lithium-ion batteries. However, there are some factors which can hinder the growth of lithium market which includes ageing, charging time and safety issues.

The report "Global Lithium Market with Focus on Lithium-ion Batteries: Industry

Analysis & Outlook (2018-2022)” by Koncept Analytics provides an extensive research and detailed analysis of the present market along with future outlook. The report discusses the major growth drivers and challenges of the market, covering Australia, Argentina and Chile region along with the global market. The report profiles the key players in the market including Albemarle Corporation, SQM, FMC Corporation and Orocobre Limited.

Contents

1. MARKET OVERVIEW

- 1.1 Introduction
- 1.2 Lithium Products & Uses
- 1.3 Lithium Classification and Conversion Factors
- 1.4 Applications of Lithium
- 1.5 Types of Lithium Batteries
- 1.6 Components of Lithium-ion Batteries

2. LITHIUM MARKET ANALYSIS

- 2.1 Global Lithium Demand by Volume
- 2.2 Global Lithium Demand Forecast by Volume
- 2.3 Global Lithium Demand by Application
- 2.4 Global Lithium Demand Forecast by Application
- 2.5 Global Lithium Demand by Region
- 2.6 Global Lithium Supply by Volume
- 2.7 Global Lithium Supply Forecast by Volume
- 2.8 Global Lithium Production Share by Region
- 2.9 Global Lithium Reserves by Region
- 2.10 Global Identified Lithium Resources by Region

3. LITHIUM-ION BATTERIES MARKET ANALYSIS

- 3.1 Global Lithium-ion Batteries Forecasted Market by Value
- 3.2 Global Lithium-ion Batteries Forecasted Market by Segment
- 3.3 Global Lithium-ion Batteries Forecasted Demand by Volume
- 3.4 Price Trend of Lithium-ion Batteries

4. REGIONAL LITHIUM MARKET ANALYSIS

- 4.1 Australia
 - 4.1.1 Australia Lithium Mine Production
- 4.2 Chile
 - 4.2.1 Chile Lithium Mine Production
- 4.3 Argentina
 - 4.3.1 Argentina Lithium Mine Production

4.4 China

4.4.1 China Lithium Mine Production

4.5 Zimbabwe

4.5.1 Zimbabwe Lithium Mine Production

4.6 Portugal

4.6.1 Portugal Lithium Mine Production

4.7 Brazil

4.7.1 Brazil Lithium Mine Production

5. MARKET DYNAMICS

5.1 Growth Drivers

5.1.1 Growth in Energy Storage System (ESS)

5.1.2 Strong Growth in Electric Vehicles Market

5.1.3 Increasing Demand for Traditional Market

5.1.4 Strong growth of Lithium-ion Batteries

5.1.5 Favorable Lithium Pricing

5.2 Key Trends & Developments

5.2.1 Political Support for Clean Energy

5.2.2 Commencement of Various Lithium Projects

5.2.3 Technological Advancements in Lithium-ion Batteries

5.3 Challenges

5.3.1 Ageing

5.3.2 Charging Time

5.3.3 Safety Issues

6. COMPETITIVE LANDSCAPE

6.1 Global Market

6.1.1 Revenue and Market Cap Comparison

6.1.2 Lithium Production Comparison

6.1.3 Global Lithium Production by Company

6.1.4 Global Lithium Battery Market by Company

6.1.5 Global Lithium Hydroxide Production Capacity by Company

7. COMPANY PROFILES

7.1 Albemarle Corporation

7.1.1 Business Overview

- 7.1.2 Financial Overview
- 7.1.3 Business Strategies
- 7.2 SQM
 - 7.2.1 Business Overview
 - 7.2.2 Financial Overview
 - 7.2.3 Business Strategies
- 7.3 FMC Corporation
 - 7.3.1 Business Overview
 - 7.3.2 Financial Overview
 - 7.3.3 Business Strategies
- 7.4 Orocobre Limited
 - 7.4.1 Business Overview
 - 7.4.2 Financial Overview
 - 7.4.3 Business Strategies

List Of Figures

LIST OF FIGURES

Lithium Products and Their Uses

Types of Lithium Batteries

Global Lithium Demand by Volume (2013-2017)

Global Lithium Demand Forecast by Volume (2018-2022)

Global Lithium Demand by Application (2017)

Global Lithium Demand Forecast by Application (2017-2022)

Global Lithium Demand by Region (2017)

Global Lithium Supply by Volume (2013-2017)

Global Lithium Supply Forecast by Volume (2018-2022)

Global Lithium Production Share by Region (2017)

Global Lithium Reserves by Region (2017)

Global Identified Lithium Resources by Region (2017)

Global Lithium-ion Batteries Forecasted Market by Value (2017-2022)

Global Lithium-ion Batteries Forecasted Market by Segment (2020)

Global Lithium-ion Batteries Forecasted Demand by Volume (2017-2022)

Decline in Lithium-ion Battery Costs (2013-2017)

Australia Lithium Mine Production (2013-2017)

Chile Lithium Mine Production (2013-2017)

Argentina Lithium Mine Production (2013-2017)

China Lithium Mine Production (2013-2017)

Zimbabwe Lithium Mine Production (2013-2017)

Portugal Lithium Mine Production (2013-2017)

Brazil Lithium Mine Production (2013-2017)

Global New Clean Energy Investment (2013-2017)

Global Electric Vehicle Sales (2013-2017)

Lithium Demand for Traditional Market (2017-2022)

Lithium-ion Batteries Demand (2017/2020)

Lithium Carbonate Price Trend (2013-2017)

Global Lithium Production by Company (2017)

Global Lithium Battery Market by Company (2017)

Albemarle Corporation Revenue by Segment (2017)

Albemarle Corporation Revenue and Net Income (2013-2017)

Albemarle Corporation R&D Expenditure (2015-2017)

SQM Revenue by Segment (2017)

SQM Revenue and Net Income (2013-2017)

FMC Corporation Revenue by Segment (2017)

FMC Corporation Revenue and Net Income (2013-2017)

Orocobre Limited Revenue by Segment (2017)

Orocobre Limited Revenue and Net Income (2013-2017)

List Of Tables

LIST OF TABLES

Lithium Minerals and Compounds Conversion Factors
Electric Vehicles Target (2020)
Ongoing Lithium Projects (2017)
Key Players - Revenue & Market Cap Comparison (2017)
Key Players – Production Comparison (2017)
Global Lithium Hydroxide Production Capacity by Company (2017-2020)

I would like to order

Product name: Global Lithium Market with Focus on Lithium-ion Batteries: Industry Analysis & Outlook (2018-2022)

Product link: <https://marketpublishers.com/r/GE1D29AFC6AEN.html>

Price: US\$ 1,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE1D29AFC6AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

