

2021 Lithium Ion Battery Market - Size, Share, COVID Impact Analysis and Forecast to 2027

<https://marketpublishers.com/r/2DCCDE97AE82EN.html>

Date: March 2021

Pages: 128

Price: US\$ 4,580.00 (Single User License)

ID: 2DCCDE97AE82EN

Abstracts

The global Lithium Ion Battery Market is expected to grow from USD 40.5 billion in 2020 to USD 91.9 billion in 2026 with a compounded annual growth rate of 14.63%.

Demand for electric vehicles is forecast at 19.1% CAGR over the forecast period to 2026, with strong sales volume in developing countries. The US, China, Japan, India and other countries present strong potential for growth in batteries.

Major Trends, Drivers & Challenges

Strong demand from consumer electronic market -

Global consumer electronics industry is witnessing rapid growth driven by increasing final consumption expenditures of households, decreasing prices of consumer electronic products and increasing interest in these goods. The industry is expected to record \$ 55 billion market size by 2025.

Shift in global energy mix -

To reduce oil dependency and to shift towards reliable energy sources for growing population and economic development, the shift in global primary energy mix is being observed worldwide. Power generation through solar, wind and other renewable sources remain major users of lithium ion batteries, which will support the market growth.

Lithium supply demand challenges cause price fluctuations -

Albemarle, SQM, Sichuan Tianqi Lithium Industries, and FMC Technologies are among the leading lithium supplying companies, accounting for more than three-fourth of total market supply. Deposits of lithium are largely concentrated in South and Central America and accordingly, the global supply is dependent on several factors out of the control of consumers.

Leading Segments

Consumer Electronics remains the most Dominant segment in the Lithium Ion Battery Type worldwide with 36.1% market share in 2020.

LCO remains the most Dominant segment in the Lithium Ion Battery Type worldwide with 31.4% market share in 2020. LFP (Lithium iron phosphate) batteries are largely deployed in power tools, electric vehicles and power installations. These batteries use LiFePO₄ as their cathode material. Key features include high stability, superior density, long battery life and economical.

North America Lithium Ion Battery market accounts for 23.9% of global market value in 2020 and is forecast to reach USD \$21. 1 billion in 2026, registering a growth rate (CAGR) of 13.82% between 2020 and 2026.

Companies Profiled

LG Chem

Samsung SDI Co., Ltd.

Panasonic Corporation

BYD Co., Ltd.

Koninklijke Philips N.V

Segmentation

Lithium Ion Battery Market, By Type

Lithium Cobalt Oxide (LCO)

Lithium Iron Phosphate (LFP)

Lithium Nickel Manganese Cobalt (LI-NMC)

Lithium Manganese Oxide (LMO)

Lithium Titanate Oxide (LTO)

Lithium Nickel Cobalt Aluminum Oxide (NCA)

Lithium Ion Battery Market, By Application

Consumer Electronics Automotive

Industrial Energy Storage

Others

Lithium Ion Battery Market, By Region

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe)

Asia-Pacific (China, India, Japan, South Korea, Australia, Rest of APAC)

Middle East and Africa (Saudi Arabia, South Africa, Rest of MEA)

South and Central America (Brazil, Argentina, Chile, Rest of SCA)

Report Scope-

The report- '2021 Lithium Ion Battery Market - Size, Share, COVID Impact Analysis and Forecast to 2027' presents growth projections in the Lithium Ion Battery Market between 2021 and 2027 for companies operating across different types, applications, and end-user verticals.

Short-term and long-term trends affecting the market landscape are included in the research. Further, market drivers, restraints, and potential opportunities are also

provided in the report.

The Lithium Ion Battery Market report computes the 2020 market value in revenue terms based on the average Lithium Ion Battery prices and sales/revenue models of key companies operating in the Lithium Ion Battery Industry. The study forecasts the market size to 2027 for different types of Lithium Ion Battery and provides respective market share and growth rates.

The study discusses technological innovations and the potential shift in demand among various products in the Lithium Ion Battery Market, over the forecast period. The leading five companies in the Lithium Ion Battery Industry together with their products, key strategies, and comparisons are provided.

The Lithium Ion Battery Market size, share, and outlook across different types and applications are provided at geographic levels of North America, Asia Pacific, Europe, Middle East Africa, South and Central America. Further, country-level Lithium Ion Battery Market value is also provided.

All recent developments in Lithium Ion Battery Industry including mergers, acquisitions, contract awards, licenses, product launches, and expansion plans are included in the report.

Base Year- 2020; Forecast period: 2021- 2027

Publication frequency- Every six months

Research Methodology- Data triangulation with top-down and Bottom-up approach are used for market size

Scope of the Report -

Global Lithium Ion Battery Industry size, 2020- 2027

Market trends, drivers, restraints, and opportunities

Porter's Five forces analysis

Types of Lithium Ion Battery , 2020-2027

Lithium Ion Battery applications and end-user verticals market size, 2020- 2027

Lithium Ion Battery Market size across countries, 2020- 2027

5 leading companies in the industry- overview, key strategies, financials, and products

Latest market news and developments

Additional support -

All the data presented in tables and charts of the report is provided in a separate Excel document

Print authentication extended

10% free customization to include any specific data/analysis to match with the requirement

3 months of analyst support

Contents

1. GLOBAL LITHIUM ION BATTERY INDUSTRY

- 1.1. Market Scope and Definition
- 1.2. Study Assumptions
- 1.3. Research Methodology

2. EXECUTIVE SUMMARY

- 2.1. Key Trends
 - 2.1.1. Global Lithium Ion Battery Market Value, By Application
 - 2.1.2. Global Lithium Ion Battery Market Value, By Type
 - 2.1.3. Global Lithium Ion Battery Market Value, By Geography
- 2.2. Potential Drivers
 - 2.2.1. Demand for alternative energy sources from automotive industry
 - 2.2.2. Shift in global energy mix
 - 2.2.3. Smart electricity market
 - 2.2.4. Increasing power consumption from renewable sources and distributed energy storage
 - 2.2.5. Strong demand from consumer electronic market
- 2.3. Major Challenges
 - 2.3.1. Lithium supply demand challenges cause price fluctuations
 - 2.3.2. Competition from alternative technologies

3. GLOBAL OUTLOOK AND GROWTH OPPORTUNITIES

- 3.1. Lithium Ion Battery Market Outlook, 2020- 2027
 - 3.1.1. Consumer Electronics
 - 3.1.2. Automotive
 - 3.1.3. Industrial
 - 3.1.4. Energy Storage
 - 3.1.5. Others
- 3.2. Key Type of Lithium Ion Battery, 2020- 2027
 - 3.2.1. Lithium Cobalt Oxide (LCO)
 - 3.2.2. Lithium Iron Phosphate (LFP)
 - 3.2.3. Lithium Nickel Manganese Cobalt (LI-NMC)
 - 3.2.4. Lithium Manganese Oxide (LMO)
 - 3.2.5. Lithium Titanate Oxide (LTO)

- 3.2.6. Lithium Nickel Cobalt Aluminium Oxide (NCA)
- 3.3. Key Applications of Lithium Ion Battery, 2020- 2027
- 3.4. Global Lithium Ion Battery Market Analysis by Geography, 2020- 2027

4. NORTH AMERICA OUTLOOK AND GROWTH OPPORTUNITIES

- 4.1. Introduction
- 4.2. North America Lithium Ion Battery Market Outlook by Type, 2020- 2027
- 4.3. North America Lithium Ion Battery Market Outlook by Application, 2020- 2027
- 4.4. North America Lithium Ion Battery Market Outlook by Country, 2020- 2027
- 4.5. United States
- 4.6. Canada
- 4.7. Mexico

5. EUROPE OUTLOOK AND GROWTH OPPORTUNITIES

- 5.1. Introduction
- 5.2. Europe Lithium Ion Battery Market Outlook by Type, 2020- 2027
- 5.3. Europe Lithium Ion Battery Market Outlook by Application, 2020- 2027
- 5.4. Europe Lithium Ion Battery Market Outlook by Country, 2020- 2027
- 5.5. Germany
- 5.6. France
- 5.7. Italy
- 5.8. United Kingdom
- 5.9. Spain
- 5.10. Others

6. ASIA PACIFIC OUTLOOK AND GROWTH OPPORTUNITIES

- 6.1. Introduction
- 6.2. Asia Pacific Lithium Ion Battery Market Outlook by Type, 2020- 2027
- 6.3. Asia Pacific Lithium Ion Battery Market Outlook by Application, 2020- 2027
- 6.4. Asia Pacific Lithium Ion Battery Market Outlook by Country, 2020- 2027
- 6.5. China
- 6.6. Japan
- 6.7. South Korea
- 6.8. Others

7. SOUTH AND CENTRAL AMERICA OUTLOOK AND GROWTH OPPORTUNITIES

7.1. Introduction

7.2. South and Central America Lithium Ion Battery Market Outlook by Type, 2020-2027

7.3. South and Central America Lithium Ion Battery Market Outlook by Application, 2020- 2027

7.4. South and Central America Lithium Ion Battery Market Outlook by Country, 2020-2027

7.5. Brazil

7.6. Chile

7.7. Others

8. REST OF THE WORLD OUTLOOK AND GROWTH OPPORTUNITIES

8.1. Introduction

8.2. Rest of the World Lithium Ion Battery Market Outlook by Type, 2020- 2027

8.3. Rest of the World Lithium Ion Battery Market Outlook by Application, 2020- 2027

8.4. Rest of the World Lithium Ion Battery Market Outlook by Country, 2020- 2027

8.5. Middle East

8.6. Africa

9. COMPANY PROFILES

9.1. LG Chem

9.2. Samsung SDI Co., Ltd.

9.3. Panasonic Corporation

9.4. BYD Co., Ltd.

9.5. Koninklijke Philips N.V

10. APPENDIX

10.1. About Us

10.2. Sources

10.3. Contact Information

I would like to order

Product name: 2021 Lithium Ion Battery Market - Size, Share, COVID Impact Analysis and Forecast to 2027

Product link: <https://marketpublishers.com/r/2DCCDE97AE82EN.html>

Price: US\$ 4,580.00 (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/2DCCDE97AE82EN.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

