

# 2018-2023 Global Li ion Battery for All Electric Vehicles Consumption Market Report

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# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Li ion Battery for All Electric Vehicles market for 2018-2023.

A Li-ion battery is a type of rechargeable battery in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging. Li-ion batteries use an intercalated lithium compound as one electrode material, compared to the metallic lithium used in a non-rechargeable lithium battery. The electrolyte, which allows for ionic movement, and the two electrodes are the constituent components of a lithium-ion battery cell.

Lithium-ion (and similar lithium polymer) batteries, widely known via their use in laptops and consumer electronics, dominate the most recent group of EVs in development. The traditional lithium-ion chemistry involves a lithium cobalt oxide cathode and a graphite anode. The downsides of traditional lithium-ion batteries include short cycle lives (hundreds to a few thousand charge cycles) and significant degradation with age. Most other EVs are utilizing new variations on lithium-ion chemistry that sacrifice energy and power density to provide fire resistance, environmental friendliness, very rapid charges (as low as a few minutes), and very long lifespans. These variants (phosphates, titanates, spinels, etc.) have been shown to have a much longer lifetime.

Over the next five years, LPI(LP Information) projects that Li ion Battery for All Electric Vehicles will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth



opportunities of Li ion Battery for All Electric Vehicles market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

from the sales	s of the following segments:
Segmentation	by product type:
Li-Cok	palt Oxide
Li- iro	n phosphate
Li-titar	nate
NMC	
Segmentation	by application:
HEVs	
PHEV	S
BEVs	
This report als	so splits the market by region:
Ameri	cas
	United States
	Canada
	Mexico
	Brazil



	China
	Japan
	Korea
	Southeast Asia
	India
	Australia
Europ	e
	Germany
	France
	UK
	Italy
	Russia
	Spain
Middle	e East & Africa
	Egypt
	South Africa
	Israel
	Turkey

**GCC** Countries



The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

A123 S	ystems
AESC	
Blue Er	nergy
BYD	
Cosligh	t
Hitachi	
Johnson	n Matthey
LG Che	em
Panaso	nic
SAFT	
Sinopol	y Battery
Tianjin	Lishen Battery
Toshiba	a a
China E	BAK battery
Deutsch	ne ACCUmotive
Johnson	n Controls
Samsur	ng SDI
Sony	



In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

# **RESEARCH OBJECTIVES**

To study and analyze the global Li ion Battery for All Electric Vehicles consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Li ion Battery for All Electric Vehicles market by identifying its various subsegments.

Focuses on the key global Li ion Battery for All Electric Vehicles manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Li ion Battery for All Electric Vehicles with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Li ion Battery for All Electric Vehicles submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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