

# **Global Lithium Iron Phosphate Battery Market Size study, by Power Capacity (0–16,250 mAh, 16,251–50,000 mAh, 50,001–100,000 mAh, 100,001–540,000 mAh), by Industry (Automotive, Power, Industrial, Others), by Application (Portable, Stationary) and Regional Forecasts 2019-2026**

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## **Abstracts**

Global Lithium Iron Phosphate Battery Market is valued approximately USD 7.9 billion in 2018 and is anticipated to grow with a healthy growth rate of more than 5 % over the forecast period 2019-2026. Lithium Iron Phosphate battery are rechargeable battery which use Lithium Iron Phosphate as cathode and graphitic carbon electrode with metallic backing as anode. These batteries offer high efficiency and service life with wide operating temperature range, high cycling performance and low internal resistance. These are used for high power applications like electric vehicles, power tools, portable instruments and others. Further, the increasing adoption of Lithium iron phosphate batteries in automotive sector especially electric vehicles and consumer electronics led the adoption of Lithium Iron Phosphate battery across the forecast period. Moreover, growing environmental concerns and need for longer lasting batteries with high efficiencies drive the market towards growth. For Instance: BYD in February 2019, unveiled its next generation lithium iron phosphate battery technology especially for utilization in forklifts and warehouse equipment. These advanced batteries are cost-effective and maintenance free. Also, increasing consumer concerns for greener and clean environment is expected to fuel the demand for Lithium Iron Phosphate battery.

The regional analysis of global Lithium Iron Phosphate battery market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of

market share owing to the increasing prevalence of electric vehicles and rising industrialization which employees equipment using these batteries will drive the market in the region. Further, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2019-2026. Factors such as increasing population with rising disposable income would create lucrative growth prospects for the Lithium Iron Phosphate battery market across Asia-Pacific region.

Major market player included in this report are:

BYD (China)  
A123 Systems (US)  
K2 Energy (US)  
Electric Vehicle Power System Technology (China)  
OptimumNano Energy (China)  
Contemporary Amperex Technology (China)  
Victron Energy B.V.  
China Sun Group  
Valence Technology  
Lithium Technology Corporation

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Power Capacity:

0–16,250 mAh

16,251–50,000 mAh

50,001–100,000 mAh

100,001–540,000 mAh

By Industry:

Automotive

Power

Industrial

Others

By Application:

Portable  
Stationary  
By Region:  
North America  
U.S.  
Canada  
Europe  
UK  
Germany  
Asia Pacific  
China  
India  
Japan  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017

Base year – 2018

Forecast period – 2019 to 2026

Target Audience of the Global Lithium Iron Phosphate Battery Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investor

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## MARKET SHARE ANALYSIS (2018)

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