

India Lithium Ion Batteries Market (2017-2023): Market Forecast by Applications, Materials, Power Capacity, Components and Competitive Landscape

<https://marketpublishers.com/r/I703106D942EN.html>

Date: August 2017

Pages: 118

Price: US\$ 1,960.00 (Single User License)

ID: I703106D942EN

Abstracts

India Lithium Ion Batteries Market (2017-2023): Market Forecast by Applications (Automotive, Industrial, Consumer Electronics and Others (Medical, Military and Textile)), Materials (Lithium Cobalt Oxide, Lithium Manganese Oxide, Lithium Iron Phosphate and Others (Li Nickel Cobalt Aluminum Oxide and Li Titanate)), Power Capacity (5–25 Wh, 48–95 Wh, 18–28 KWh, 100–250 KWh and Above 300 KWh), Components (Cathode, Anode, Electrolytic Solution and Others (Foils, Anode, Electrolytic Solution)) and Competitive Landscape

Stringent regulations on auto-emission and fuel efficiency along with awareness towards non-hazardous wastes have resulted in a shift towards Li-ion batteries in India. Government efforts towards promoting the adoption of EVs, growing renewable energy storage projects, surging demand for quality & uninterrupted power supply are some of the key factors which are contributing to the growth of Li-ion batteries market in the country; moreover, developing consumer electronics sector in India is likely to complement the growth of this market.

According to 6Wresearch, India lithium ion batteries market is projected to grow at a CAGR of over 27% during 2017-23. Consumer electronics segment captured majority of the market share followed by automotive applications and others. Among various Li-ion chemistries, Lithium Cobalt Oxide (LCO) dominated the market owing to its high usage in consumer electronics.

Additionally, increasing awareness towards portable and stationary energy storage coupled with government's push towards solar and wind projects are expected to contribute to the growth of Li-ion battery market over the coming years. Moreover,

government efforts towards adoption of electric vehicles such as Faster Adoption and Manufacturing of Hybrid & Electric Vehicles (FAME) scheme as well as tax exemption on EVs are anticipated to provide much needed boost to the market.

The report thoroughly covers lithium ion batteries market applications, components, material types, and power capacities. The report provides an unbiased and detailed analysis of the on-going trends, opportunities/high growth areas, market drivers which would help the stakeholders to decide and align their market strategies according to the current and future market dynamics.

Key Highlights of the Report:

Historical data of Global Lithium Ion Batteries Market for the Period 2014-2016

Market Size & Forecast of Global Lithium Ion Batteries Market until 2023

Historical data of India Lithium Ion Batteries Market for the Period 2014-2016

Market Size & Forecast of India Lithium Ion Batteries Market until 2023

Historical data of India Lithium Ion Batteries Market, By Applications for the Period 2014-2016

Market Size & Forecast of India Lithium Ion Batteries Market, By Applications until 2023

Historical data of India Lithium Ion Batteries Market, By Components for the Period 2014-2016

Market Size & Forecast of India Lithium Ion Batteries Market, By Components until 2023

Historical data of India Lithium Ion Batteries Market, By Power Capacity for the Period 2014-2016

Market Size & Forecast of India Lithium Ion Batteries Market, By Power Capacity until 2023

Historical data of India Lithium Ion Batteries Market, By Materials for the Period

2014-2016

Market Size & Forecast of India Lithium Ion Batteries Market, By Materials until 2023

Market Drivers and Restraints

Market Trends and Opportunities

Industry Life Cycle and Value Chain Analysis

Porter's Five Forces Analysis

Competitive Benchmarking and Company Profiles

Recommendations

Markets Covered

The report provides detailed analysis of the following market segments:

By Applications

Automotive

Industrial

Consumer Electronics

Others (Medical, Military, Textile)

By Material

Lithium Cobalt Oxide

Lithium Manganese Oxide

Lithium Iron Phosphate

Others (Li Nickel Cobalt Aluminum Oxide, Li Titanate)

By Power Capacity

5–25 Wh

48–95 Wh

18–28 KWh

100–250 KWh

Above 300 KWh

By Components

Cathode

Anode

Electrolytic Solution

Others (Foils, Binder and Separators)

Contents

1 EXECUTIVE SUMMARY

2 INTRODUCTION

- 2.1 Key Highlights of the Report
- 2.2 Report Description
- 2.3 Market Scope & Segmentation
- 2.4 Assumptions & Methodology

3 GLOBAL LITHIUM ION BATTERIES MARKET OVERVIEW

- 3.1 Global Lithium Ion Batteries Market Revenues (2014-2023F)
- 3.2 Global Lithium Ion Batteries Market Revenue Share, By Regions (2016)

4 INDIA LITHIUM ION BATTERIES MARKET OVERVIEW

- 4.1 India Lithium Ion Batteries Market Revenues (2014-2023F)
- 4.2 India Lithium Ion Batteries Market Volume (2014-2023F)
- 4.3 India Lithium Ion Batteries Industry Life Cycle
- 4.4 India Lithium Ion Batteries Market Opportunistic Matrix
- 4.5 India Lithium Ion Batteries Market Value Chain Analysis
- 4.6 India Lithium Ion Batteries Market Porter's Five Forces Model
- 4.7 India Lithium Ion Batteries Market Revenue Share, By Applications (2016 & 2023F)
- 4.8 India Lithium Ion Batteries Market Revenue Share, By Material (2016 & 2023F)
- 4.9 India Lithium Ion Batteries Market Revenue Share, By Power Capacity (2016 & 2023F)

5 INDIA LITHIUM ION BATTERIES MARKET DYNAMICS

- 5.1 Impact Analysis
- 5.2 Market Drivers
- 5.3 Market Restraints
- 5.4 Market Opportunity

6 INDIA LITHIUM ION BATTERIES MARKET TRENDS

- 6.1 Transparent Lithium Ion Batteries

6.2 Emerging Lithium Ion Battery Technology

6.3 Rising adoption of Electric Vehicles

6.4 Government Subsidies

7 INDIA LITHIUM ION BATTERIES MARKET OVERVIEW, BY APPLICATIONS

7.1 India Lithium Ion Batteries Market, By Electronics (2014-2023F)

7.2 India Lithium Ion Batteries Market, By Automotive (2014-2023F)

7.3 India Lithium Ion Batteries Market, By Industrial (2014-2023F)

7.4 India Lithium Ion Batteries Market, By Others (2014-2023F)

8 INDIA LITHIUM ION BATTERIES MARKET OVERVIEW, BY COMPONENTS

8.1 India Lithium Ion Batteries Market, By Cathode (2014-2023F)

8.2 India Lithium Ion Batteries Market, By Anode (2014-2023F)

8.3 India Lithium Ion Batteries Market, By Electrolytic Solution (2014-2023F)

8.4 India Lithium Ion Batteries Market, By Others (2014-2023F)

9 INDIA LITHIUM ION BATTERIES MARKET OVERVIEW, BY MATERIAL

9.1 India Lithium Ion Batteries Market, By Lithium Cobalt Oxide (2014-2023F)

9.2 India Lithium Ion Batteries Market, By Lithium Manganese Oxide (2014-2023F)

9.3 India Lithium Ion Batteries Market, By Lithium Iron Phosphate (2014-2023F)

9.4 India Lithium Ion Batteries Market, By Others (2014-2023F)

10 INDIA LITHIUM ION BATTERIES MARKET OVERVIEW, BY POWER CAPACITY

10.1 India Lithium Ion Batteries Market, By 5–25 Wh (2014-2023F)

10.2 India Lithium Ion Batteries Market, By 48–95 Wh (2014-2023F)

10.3 India Lithium Ion Batteries Market, By 18–28 KWh (2014-2023F)

10.4 India Lithium Ion Batteries Market, By 100–250 KWh (2014-2023F)

10.5 India Lithium Ion Batteries Market, By Above 300 KWh (2014-2023F)

11 COMPETITIVE LANDSCAPE

11.1 India Lithium Ion Batteries Market Players Revenue Share (2016)

11.2 Competitive Benchmarking, By Operating Parameters

11.3 Competitive Benchmarking, By Battery Type

11.4 Lithium Ion Batteries Manufacturers and Distributors

12 COMPANY PROFILES

12.1 Samsung SDI Co. Ltd.

12.2 Sony India Pvt. Ltd.

12.3 AMCO Saft India Ltd.

12.4 Panasonic India Pvt. Ltd.

12.5 LG Chem India Pvt. Ltd.

13 RECOMMENDATIONS

14 DISCLAIMER

List Of Figures

LIST OF FIGURES

- 1 GLOBAL LITHIUM ION BATTERIES MARKET REVENUES, 2014-2023F (\$ BILLION)
- 2 GLOBAL LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY REGIONS (2016)
- 3 INDIA LITHIUM ION BATTERIES MARKET REVENUES, 2014-2023F (\$ MILLION)
- 4 COMPONENT-WISE COST OF LITHIUM ION BATTERIES
- 5 INDIA LITHIUM ION BATTERIES INDUSTRY LIFE CYCLE (2016)
- 6 VALUE CHAIN ANALYSIS OF INDIA LITHIUM ION BATTERIES MARKET
- 7 INDIA LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY APPLICATIONS, 2016 & 2023F
- 8 INDIA LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY MATERIAL (2016)
- 9 INDIA LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY MATERIAL (2023F)
- 10 INDIA LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY POWER CAPACITY (2016)
- 11 INDIA LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY POWER CAPACITY (2023F)
- 12 TOTAL WIRELESS SUBSCRIBERS IN INDIA (IN MILLIONS)
- 13 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY AUTOMOTIVE, 2014-2023F (\$ MILLION)
- 14 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY CONSUMER ELECTRONICS, 2014-2023F (\$ MILLION)
- 15 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY INDUSTRIAL, 2014-2023F (\$ MILLION)
- 16 INSTALLED CAPACITIES FOR DIFFERENT SOURCES OF POWER (GW) IN INDIA, 2017
- 17 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY OTHERS, 2014-2023F (\$ MILLION)
- 18 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY CATHODE, 2014-2023F (\$ MILLION)
- 19 GLOBAL CATHODE MATERIAL DISTRIBUTION (2015)
- 20 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY ANODE, 2014-2023F (\$ MILLION)
- 21 GLOBAL ANODE MATERIAL DISTRIBUTION (2015)
- 21 GLOBAL ANODE MATERIAL DISTRIBUTION (2015)

22 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY ELECTROLYTIC SOLUTION, 2014-2023F (\$ MILLION)

23 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY OTHERS, 2014-2023F (\$ MILLION)

24 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY LCO, 2014-2023F (\$ MILLION)

25 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY LMO, 2014-2023F (\$ MILLION)

26 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY LFP, 2014-2023F (\$ MILLION)

27 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY OTHERS, 2014-2023F (\$ MILLION)

28 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY 5-25 WH, 2014-2023F (\$ MILLION)

29 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY 48-95 WH, 2014-2023F (\$ MILLION)

30 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY 18-28 KWH, 2014-2023F (\$ MILLION)

31 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY 100-250 KWH, 2014-2023F (\$ MILLION)

32 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY ABOVE 300 KWH, 2014-2023F (\$ MILLION)

33 INDIA LITHIUM ION BATTERIES MARKET REVENUE SHARE, BY PLAYERS (2016)

34 SHARE OF TOTAL PRODUCTION OF ELECTRONICS GOODS IN INDIA

List Of Tables

LIST OF TABLES

- 1 WORLDWIDE LITHIUM RESOURCES, 2014
- 2 INDIA LITHIUM ION BATTERIES INDUSTRY MARKET VOLUME (2016)
- 3 WIRED/WIRELESS TELEPHONE STATISTICS, INDIA, 2016
- 4 BATTERY TYPES FOR DIFFERENT ELECTRIC VEHICLES
- 5 RENEWABLE ENERGY CAPACITY, INDIA (2016)
- 6 COMPARISON OF ELECTRODE MATERIALS
- 7 LITHIUM COBALT OXIDE CHARACTERISTICS
- 8 INDIA LITHIUM ION BATTERIES MARKET REVENUES, BY PLAYERS (2016)
- 9 INDIA LITHIUM ION BATTERIES MARKET PLAYERS' COMPETITIVE BENCHMARKING, BY BATTERY MATERIAL & APPLICATIONS

I would like to order

Product name: India Lithium Ion Batteries Market (2017-2023): Market Forecast by Applications, Materials, Power Capacity, Components and Competitive Landscape

Product link: <https://marketpublishers.com/r/I703106D942EN.html>

Price: US\$ 1,960.00 (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/I703106D942EN.html>