Global and China Lithium Iron Phosphate Material and Battery Industry Report, 2013-2015

Apr. 2014

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STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

- To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- To help company to succeed in a competitive market, and

METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

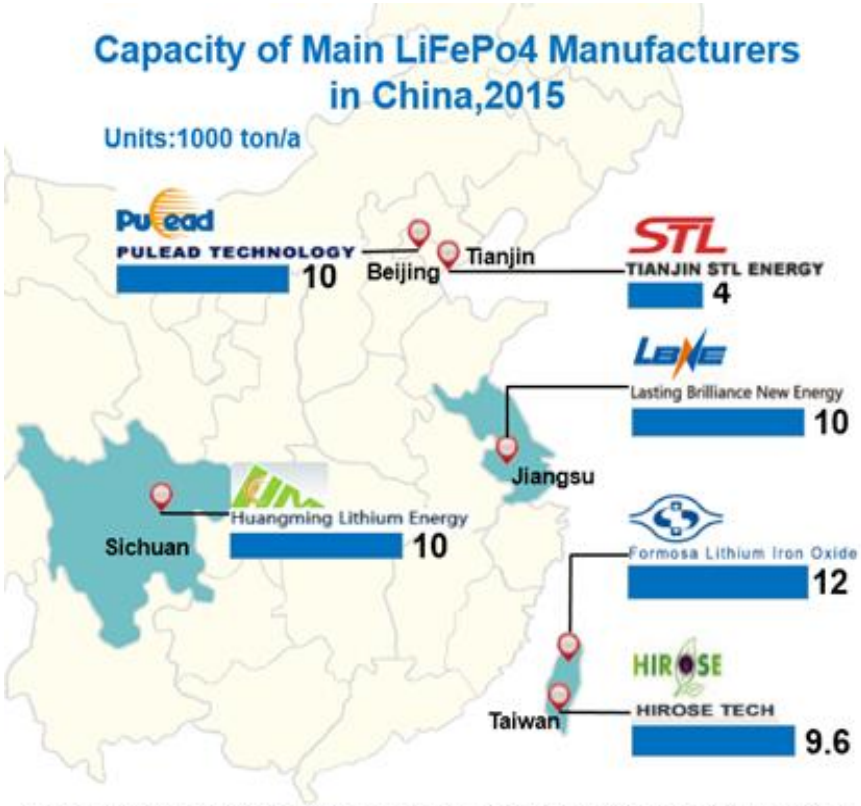
The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

Abstract

Power battery cathode materials mainly include lithium cobalt oxide, lithium manganese oxide, multi-element materials and lithium iron phosphate, of which, global market share of lithium cobalt oxide has kept declining over the recent years, while that of both multi-element materials and lithium iron phosphate has got improved to some extent.

Internationally, lithium iron phosphate manufacturers mainly refer to the U.S.-based A123 and Valence, Canada-based Phostech, Taiwan-based Formosa Lithium Iron Oxide Corp., Aleees and HIROSE TECH. Among them, the first three companies grasp more mature mass-production technology. However, driven by the Asia-Pacific new energy electric vehicle industry, global lithium iron phosphate industry is gradually shifting focus towards Mainland China and Taiwan.

Global lithium iron phosphate sales volume approximated 11 kilotons in 2013, about 52.7% of which came from China, largely because Chinese electric vehicle companies tended to use power battery with lithium iron phosphate as cathode materials.



Source: Global and China Lithium Iron Phosphate Material and Battery Industry Report, 2013-2015;ResearchInChina

According to China's Planning for the Development of the Energy-Saving and New Energy Automobile Industry (2012-2020), pure electric vehicles (PEV) and plug-in hybrid electric vehicles (PHEV) strive to reach cumulative output and sales volume of 500,000 by 2015; over five million by 2020, with production capacity of two million. As the most important cathode material of battery power in China, lithium iron phosphate will see a significant increase in demand driven by the new energy automotive industry in the future.

In China, there have been more than 100 companies involved in lithium iron phosphate by the end of 2013, and over ten of them such as Tianjin STL Energy Technology Co., Ltd., Pulead Technology Industry Co., Ltd., Sichuan Huangming Lithium Energy New Materials Co., Ltd., Nanjing Lasting Brilliance New Energy Technology Co., Ltd. and Yantai Zhuoneng Battery Material Co., Ltd can achieve large-scale production. And, many domestic enterprises based on the promising market prospects have made capacity expansion plans, especially Pulead Technology, Huangming Lithium Energy and Nanjing Lasting Brilliance will raise lithium iron phosphate capacity to 10kt/a each in 2015.

The report focuses on the followings:
Overview of the global lithium iron phosphate industry, including sales volume, market share and major international suppliers;
Status quo of China lithium iron phosphate industry, including policies, sales volume, industrial distribution, competition pattern and key suppliers;
Supply and demand of China lithium iron phosphate battery industry, including upstream suppliers and downstream customers;
Operation and development strategies of 20 lithium iron phosphate material manufacturers (including A123, Valence, Phostech, Aleees, Tianjin STL and Pulead Technology) in Mainland China and Taiwan;
Operation and development strategies of 11 Chinese lithium iron phosphate battery companies (including BYD, BAK Battery, Tianjin Lishen and Shenzhen Mottcell).

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