



**China Lithium Battery Equipment Industry  
Report, 2014-2016**

**Jul. 2014**

## 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.

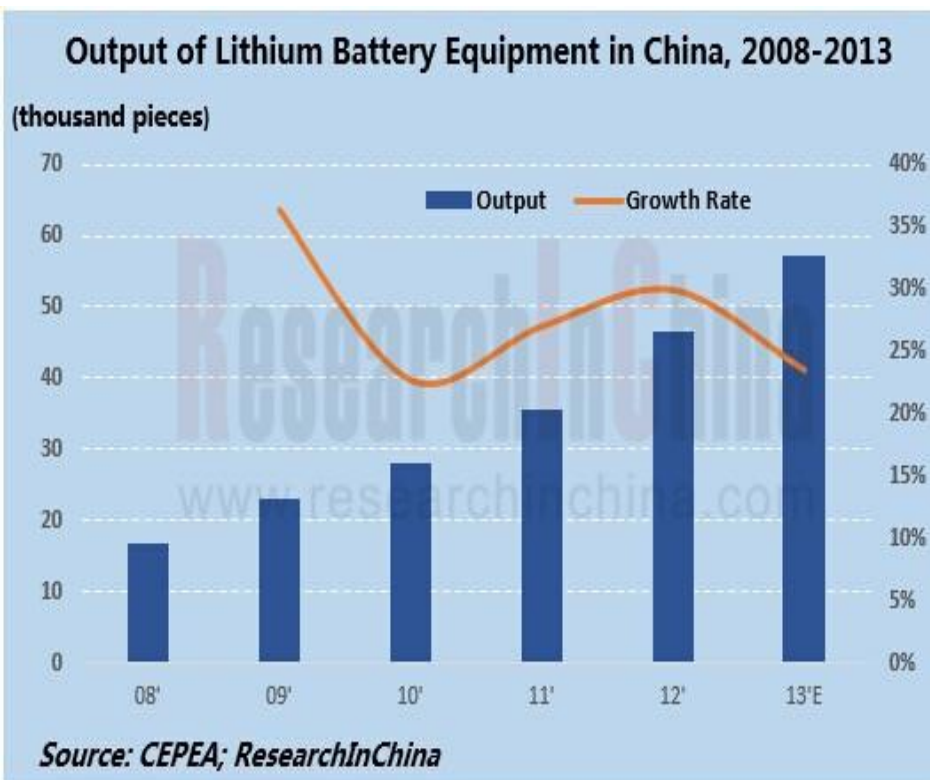
## INFORMATION SOURCES

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

## Abstract

Lithium battery equipment manufacturing started late in China, although a batch of professional manufacturers have sprung up in succession, the technology of homemade equipment is still less advanced and automated, and some large battery manufacturers have to import equipment from abroad. By contrast, in countries such as Japan and South Korea with excellent basic mechanical processing capacity, lithium battery equipment manufacturers have clear-cut division of labor and accumulation of technological advantages, thus gaining higher share in the Chinese lithium battery equipment market. In 2013, Hirano Tecseed and Kaido MFG accounted for 12.1% and 10.6% of China's lithium battery equipment market, ranking first and second, separately.

In China, more local enterprises are engaged in the manufacturing of lithium battery-related equipment, but mostly small in scale and occupied in the manufacturing of jigs and fixtures on the production line and semi-automatic equipment for a process. Of all the Chinese lithium battery equipment manufacturers, Areconn Precision Machinery Co., Ltd. enjoyed the highest market share in 2013, reaching 8.4%, followed by Yinghe Technology Co., Ltd..



The output of lithium battery equipment in China grew at a CAGR of some 27.8% in 2008-2013, to approximately 57,300 units in 2013, including about 23,000 coilers and 4,000 coaters. And coater as one of the fast-growing products registered an output AAGR of around 30% over the last five years, mainly because downstream battery makers have scrambled for diaphragm coating in recent years, followed by equipment manufacturers with adjustment and supplement of coating product lines.

Judging from the downstream market, the traditional consumer electronics field is still the largest demander for lithium battery equipment, holding roughly 60% of the total lithium battery demand in China. However, due to the fact that the traditional consumer electronics market is relatively stable, China's grid energy storage and power battery will give major impetus to the growth of lithium battery equipment. It is estimated that by 2016 the demand for lithium battery equipment from grid energy storage and power battery will hit RMB3.1 billion and RMB6 billion, respectively.

China Lithium Battery Equipment Industry Report, 2014-2016 by ResearchInChina, mainly deals with the followings:

- ➔ Development environment (including industry and policy environment as well as international benchmarking enterprises), etc. of China lithium battery equipment industry;
- ➔ Supply and demand (output and a forecast for the next 3 years, supply-demand structure), competitive landscape (market share of top 10 manufacturers), etc. of China lithium battery equipment market;
- ➔ Market demand for Chinese lithium battery equipment from downstream applications (e.g. consumer electronics, grid energy storage, power battery);
- ➔ Operation, lithium battery equipment business, etc. of 11 key companies in China, involving Yinghe Technology, Sevenstar Electronics, Geesun and Haoneng Technology.

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