



**Global and China Supercapacitor Industry
Report, 2017-2020**

Apr.2017

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

As a kind of new-type green and environment-friendly physical energy storage device between traditional capacitor and battery, supercapacitor is the most promising technology in the field of physical energy storage and also a good supplement to other chemical energy storage technologies. Supercapacitors can be widely used in new energy vehicle, new energy power generation, construction machinery, rail transit, lifting equipment, military equipment, among others.

At present, the global supercapacitors are mainly used in consumer electronics. In the next few years, the demand for supercapacitors from electric vehicle, rail transit, new energy and other fields will grow rapidly.

At present, there are thousands of supercapacitor manufacturers around the world, of which Asian players occupy up to about 57%, followed by American ones with the share of around 26% and European counterparts holding 8%. Among them, Japan, the United States, Russia, South Korea and some European countries master comparatively mature technologies, dominating the global market. In 2016, China's supercapacitor market size reported roughly RMB4.96 billion, and the figure by 2020 will swell to RMB13.84 billion.

As foreign countries started earlier in the field of supercapacitors and held advanced technologies, Japan-based Panasonic and Nec Tokin, the United States-based Maxwell and other foreign products ever seized more than 90% share of the Chinese market. But with the emergence of Chinese supercapacitor companies, the share of foreign products has dropped to about 60%.

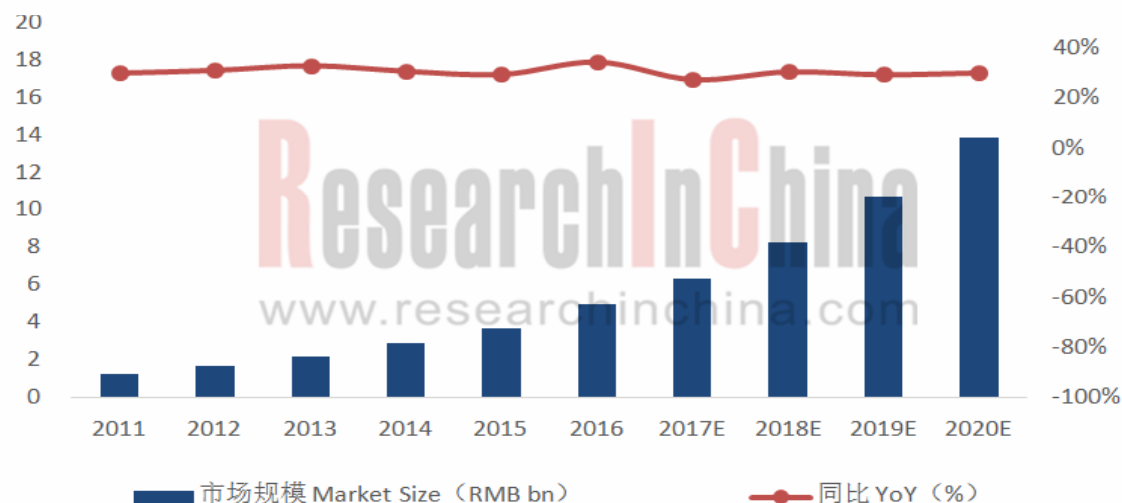
In terms of products, China's competitiveness in button-type supercapacitors is weak, while foreign products account for almost 90% of the market segment. As for winding-type and large supercapacitors, China's technical level is close to the international level, and the China-made supercapacitors make up 60%-70% of this domestic market segment.

Supported by national policies, a number of Chinese listed companies have got involved in the supercapacitor industry, mainly including Nantong Jianghai Capacitor, Chengdu Xinzhu Road&bridge Machinery and Anhui Tongfeng Electronics.

Global and China Supercapacitor Industry Report, 2017-2020 by ResearchInChina focuses on the following:

- ◆ Market size & forecast, consumption structure, competitive landscape, etc. of global supercapacitor industry;
- ◆ Market size & forecast, competitive landscape, development trends, etc. of China's supercapacitor industry;
- ◆ Overview of supercapacitor upstream raw materials (electrode, electrolyte) market;
- ◆ Overview of supercapacitor downstream market, demand for supercapacitor and forecast, etc.;
- ◆ Profile, supercapacitor business, operation, etc. of 17 global and Chinese supercapacitor producers.

Chinese Supercapacitor Market Size and Growth Rate, 2011-2020E



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