

Global and China Aluminum Electrolytic Capacitor Industry Report, 2019-2025

Aug. 2019

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

Chinese aluminum electrolytic capacitor market has been expanding amid a transfer of its downstream industries to China like home appliance illumination, cellphones and computers as well as automatic control, with breakthroughs having been made in particular technical areas. Besides, the aluminum electrolytic capacitors for high-end energy-efficient lighting have been up to the world's advanced level. In 2018, China's demand for aluminum electrolytic capacitor stood at 171.9 billion units, a figure projected to rise to 276 billion units in 2025, expectedly showing a CAGR of 6.4% between 2018 and 2025.

Demand for Aluminum Electrolytic Capacitors and Growth Rate in China, 2017-2025



Source: ResearchInChina

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Aluminum electrolytic capacitor finds wide application in consumer electronics, computer & peripherals, automated control, automobile, optoelectronic products, electronic communication, rail transit and so forth. In 2018, the applied markets were as follows: consumer electronics 35%, computer & peripherals 22%, industry, electric power and illumination 18%, automobile 10%, telecommunications & the concerned 8%, and others 7%.

As far as competition is concerned, Japanese vendors including NCC, Nichicon, Rubycon and Panasonic command a combined 56% market share worldwide. The players from Japan, Europe, America, Taiwan (China) and South Korea rule the roost in the market of medium and high-end products, while Chinese peers Hunan Aihua Group Co., Ltd. and Nantong Jianghai Capacitor Co., Ltd. hold a respective market share of 4.7% and 3.4% and they dedicate themselves to the production of low-end products in order to substitute for imports, seeing a faster revenue growth rate than Japanese companies. In particular, Hunan Aihua Group is a full-fledged business with more mature capacitors and it has been a supplier for the lighting giants such as Philips and OSRAM.

Due to absence of technical barriers, low-end aluminum electrolytic capacitors compete fiercely on price and get primarily utilized in DVD, ordinary acoustics, electronic toys, etc. There is a fairly high demanding from medium-end aluminum electrolytic capacitors on the manufacturing process and quality of components and materials, and the market with adequate competition is in a balance between supply and demand. The mid-range aluminum electrolytic capacitors are used mainly for lighting, TV, consumer electronics and display.

The top-end aluminum electrolytic capacitor has such merits as long service life, low resistance, large ripple current resistance and quite high a working temperature limit, so has it the rather high added value. The top-quality capacitors serve the fields like top-end energy-efficient lighting products, solar energy, wind power, communication & inverter and automotive electronics.

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Global Aluminum Electrolytic Capacitor Market Pattern

Country	Vendors	Market Share	Major Products
Japan	Nippon Chemi-Con, Nichicon, Rubycon, Panasonic, etc.	About 58%	The capacitor used for advanced industries; professional inverters; the high-voltage, large-capacity, low ESR, ripple current resistant aluminum electrolytic capacitor and solid-state aluminum electrolytic capacitor that are used for solar energy and wind power generation
South Korea	SAMWHA, SAMYOUNG, etc.	About 11%	Flat panel TV, acoustics-used aluminum capacitor
China	Hunan Aihua Group, Man Yue Technology Holdings Limited, Nantong Jianghai Capacitor, LELON Electronics, Guangdong Hec Technology, CapXon International Electronic, etc.	About 21%	Consumer electronics, IT industry matching, and other professional fields

Source: ResearchInChina

Global and China Aluminum Electrolytic Capacitor Industry Report, 2019-2025 highlights the following:

- Global aluminum electrolytic capacitor industry (supply and demand, price trend and competitive landscape);
- Chinese aluminum electrolytic capacitor industry (development environment, supply and demand, import and export, price trend and competitive pattern);
- China's electrode foil industry (market size, competitive pattern, development prospects, etc.);
- 16 aluminum electrolytic capacitor manufacturers (performance, major projects, production layout, production and sales, development strategies, etc.);
- 11 electrode foil producers (operating results, major products, production layout, production and sales, development strategies, among others).

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