

Supercapacitor Market : Trends, Opportunities and Competitive Analysis

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Abstracts

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Supercapacitor Market Trends and Forecast

The future of the supercapacitor market looks promising with opportunities in the transportation, industrial, consumer electronics, and energy industries. The global supercapacitor market is expected to reach an estimated \$1.4 billion by 2027 with a CAGR of 14% from 2021 to 2027. The major drivers for this market are increasing production of electrical vehicles, growth in portable electronics, and superior properties of supercapacitors, such as high energy density, long lifecycles, and power stabilization, as compared to conventional power storage devices.

Emerging Trends in the Supercapacitor Market

Emerging trends, which have a direct impact on the dynamics of the industry, include growing demand for micro supercapacitors and development of high energy density supercapacitors.

A total of 84 figures / charts and 72 tables are provided in this 164-page report to help in your business decisions. Sample figures with insights are shown below. To learn the scope of benefits, companies researched, and other details of the supercapacitor market report, please download the report brochure.

Supercapacitor Market by Segment

The study includes trends and forecast for the global supercapacitor market by end use industry, product type, module, and region as follows:

By End Use Industry [\$M shipment analysis from 2016 to 2027]:

Transportation

Industrial

Consumer Electronics

Energy

Others

By Product Type [\$M shipment analysis from 2016 to 2027]:

Double Layer Capacitors

Pseudocapacitors

Hybrid Capacitors

By Module [\$M shipment analysis from 2016 to 2027]:

Less than 25V

25-100V

Above 100V

By Region [\$M shipment analysis for 2016 – 2027]:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Asia Pacific

China

Japan

South Korea

The Rest of the World

List of Supercapacitor Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies supercapacitor companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the supercapacitor companies profiled in this report includes.

UCAP Power

Panasonic

CAP XX Limited

Skeleton Technologies

LS Mtron

Nippon Chemi-Con

AVX

Korchip Corporation

Seiko Instrument

Supercapacitor Market Insight

Lucintel forecasts that double layer capacitors will remain the largest segment due to increasing usage of double layer capacitors in regenerative braking systems of electric vehicles. Lucintel predicts that the demand for hybrid capacitors is expected to witness the highest growth over the forecast period due to higher energy density of hybrid capacitors than double layer capacitors.

Transportation will remain the largest end use industry and it is also expected to witness the highest growth over the forecast period, supported by the growing demand for supercapacitors in electric vehicles due to the need for fuel efficiency, power stabilization, enhanced vehicle performance, and extended long life expectancy.

Asia Pacific will remain the largest region by value, and it is also expected to witness the highest growth over the forecast period due to increasing demand for supercapacitors in automotive, wind, solar, and consumer electronics industries, particularly in China, Japan, and South Korea.

Features of Supercapacitor Market

Market Size Estimates: Supercapacitor market size estimation in terms of value (\$M)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Supercapacitor market size by various segments, such as end use industry, product type, and module, in terms of value.

Regional Analysis: Supercapacitor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different end use industries, product types, modules, and regions for the supercapacitor market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the supercapacitor market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the supercapacitor market size?

Answer: The global supercapacitor market is expected to reach an estimated \$1.4 billion by 2027

Q2. What is the growth forecast for supercapacitor market?

Answer: The supercapacitor market is expected to grow at a CAGR of 14% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the supercapacitor market?

Answer: The major drivers for this market are increasing production of electrical vehicles, growth in portable electronics, and superior properties of supercapacitors, such as high energy density, long lifecycles, and power stabilization, as compared to conventional power storage devices.

Q4. What are the major applications or end use industries for supercapacitor?

Answer: Transportation and industrial are the major end use industries for supercapacitor market.

Q5. What are the emerging trends in supercapacitor market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include growing demand for micro supercapacitors and development of high energy density supercapacitors.

Q6. Who are the key supercapacitor companies?

Answer: Some of the key supercapacitor companies are as follows:

UCAP Power

Panasonic

CAP XX Limited

Skeleton Technologies

LS Mtron

Nippon Chemi-Con

AVX

Korchip Corporation

Seiko Instrument

Q7. Which supercapacitor product segment will be the largest in future?

Answer: Lucintel forecasts that double layer capacitors will remain the largest segment due to increasing usage of double layer capacitors in regenerative braking systems of electric vehicles.

Q8. In supercapacitor market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global supercapacitor market by end use industry (transportation, consumer electronics, industrial, energy, and others), product type (double layer capacitors, pseudocapacitors, and hybrid capacitors), module (less than 25V, 25-100V, and above 100V), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the Supercapacitor market?

Q.5 What are the business risks and threats to the supercapacitor market?

Q.6 What are the emerging trends in the supercapacitor market and the reasons behind them?

Q.7 What are some changing demands of customers in the supercapacitor market?

Q.8 What are the new developments in the supercapacitor market? Which companies are leading these developments?

Q.9 Who are the major players in the supercapacitor market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in the supercapacitor

market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the supercapacitor market?

For any questions related to supercapacitor market or related to supercapacitor companies, supercapacitor market share, supercapacitor market analysis, supercapacitor market size, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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