

# Automotive and Transportation Supercapacitor Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

### Automotive and Transportation Supercapacitor Market Trends and Forecast

The future of the automotive and transportation supercapacitor market looks promising with opportunities in the passenger car and commercial vehicle markets. The global automotive and transportation supercapacitor market is expected to reach an estimated \$319.8 million by 2028 with a CAGR of 19% from 2023 to 2028. The major drivers for this market are increasing demand for energy-efficient products for electric and hybrid vehicles and rising penetration of autonomous driving systems in the developed regions.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Automotive and Transportation Supercapacitor Market by Segment

The study includes a forecast for the global automotive and transportation supercapacitor market by product, system type, application, and region, as follows:

Automotive and Transportation Supercapacitor Market by Product [Value (\$M) Shipment Analysis from 2017 to 2028]:

Pseudocapacitors

Electrochemical Double Layer Capacitor (EDLC)

Hybrid Capacitor

Others

Automotive and Transportation Supercapacitor Market by System Type [Value (\$M) Shipment Analysis from 2017 to 2028]:

Battery Propulsion System

Kinetic Energy Recovery System (KERS)

Start Stop System

Starting Lighting and Ignition (SLI) System

Others

Automotive and Transportation Supercapacitor Market by Application [Value (\$M) Shipment Analysis from 2017 to 2028]:

Passenger Car

Commercial Vehicle

Automotive and Transportation Supercapacitor Market by Region [Value (\$M) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Automotive and Transportation 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 automotive and transportation supercapacitor companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the automotive and transportation supercapacitor companies profiled in this report include.

Maxwell

NEC

TOKIN

AVX

ELNA

## Automotive and Transportation Supercapacitor Market Insights

Lucintel forecasts that pseudocapacitor will remain the largest segment over the forecast period as it helps in increasing energy density and permits the storage of energy density in the bulk of electrode materials and even at their surface.

North America will remain the largest region due to increasing government inclination towards adoption of electric vehicles and growing investments on R&D activities for developing advanced technologies in the region.

## Features of the Automotive and Transportation Supercapacitor Market

Market Size Estimates: Automotive and transportation supercapacitor market size estimation in terms of value (\$M)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast

(2023-2028) by various segments and regions.

**Segmentation Analysis:** Automotive and transportation supercapacitor market size by various segments, such as by product, system type, application, and region

**Regional Analysis:** Automotive and transportation supercapacitor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

**Growth Opportunities:** Analysis on growth opportunities in different by product, system type, application, and regions for the automotive and transportation supercapacitor market.

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

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

## FAQ

Q1. What is the automotive and transportation supercapacitor market size?

Answer: The global automotive and transportation supercapacitor market is expected to reach an estimated \$319.8 million by 2028.

Q2. What is the growth forecast for automotive and transportation supercapacitor market?

Answer: The global automotive and transportation supercapacitor market is expected to grow with a CAGR of 19% from 2023 to 2028.

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

Answer: The major drivers for this market are increasing demand for energy-efficient products for electric and hybrid vehicles and rising penetration of autonomous driving

systems in the developed regions.

Q4. What are the major segments for automotive and transportation supercapacitor market?

Answer: The future of the automotive and transportation supercapacitor market looks promising with opportunities in the passenger car and commercial vehicle markets.

Q5. Who are the key automotive and transportation supercapacitor companies?

Answer: Some of the key automotive and transportation supercapacitor companies are as follows:

Maxwell

NEC

TOKIN

AVX

ELNA

Q6. Which automotive and transportation supercapacitor segment will be the largest in future?

Answer: Lucintel forecasts that pseudocapacitor will remain the largest segment over the forecast period as it helps in increasing energy density and permits the storage of energy density in the bulk of electrode materials and even at their surface.

Q7. In automotive and transportation supercapacitor market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to increasing government inclination towards adoption of electric vehicles and growing investments on R&D activities for developing advanced technologies in the region.

Q8. 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, high-growth opportunities for the automotive and transportation supercapacitor market by product (pseudocapacitors, electrochemical double layer capacitor (EDLC), hybrid capacitor, and others), system type (battery propulsion system, kinetic energy recovery system (KERS), start stop system, starting lighting and ignition (SLI) system, and others), application (passenger cars and commercial vehicles), 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 region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

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

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

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

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to automotive and transportation supercapacitor market or related to automotive and transportation supercapacitor companies, automotive and transportation supercapacitor market size, automotive and transportation supercapacitor market share, automotive and transportation supercapacitor analysis, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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