

Automotive Ultra capacitor - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Automotive Ultra capacitor market is growing at a CAGR of 18.6% during the forecast period from 2016 to 2023. Rapid technological advancements, soaring production and sale of automobiles and increased usage of ultra capacitors in e-vehicles and hybrid vehicles are some of the factors driving the market. Introduction of electric and hybrid vehicles as well as introduction of graphene and carbon nanotubes in ultracapacitor and use of ultra capacitors in electric turbochargers will provide opportunity for the market to grow over the forecast period. However, high production cost of automotive ultra capacitors is hampering the market.

By application, start-stop operation segment dominated the market owing to benefits such as cost savings and reduction in the emission of harmful gases. Ultra capacitor in start-stop system reduces fuel consumption and emissions by shutting down and restarting the engine in stop and go traffic. Many manufacturers are choosing ultra capacitors to power start-stop applications especially when fast restarts are required and for maintaining the vehicles (cars) supply voltage.

Geographically, Europe accounts for the largest market share and is expected to continue its dominance throughout the forecast period owing to increased demand for electric and hybrid vehicles in countries such as Italy, Norway, Germany, France, the Netherlands, Spain and the UK. In addition technological advancements and changing infrastructure are contributing to the growth of the market in the European region.

Some of the key players in the Automotive Ultra Capacitor market are ELNA America Inc, NEC Tokin Nippon Chemi-Con, Hitachi, Altair Nanotechnologies, Tesla Motors, Maxwell Technologies, Panasonic Corporation, Skeleton Technologies, Supreme Power Solutions Co. Ltd, Nesscap, Ioxus Inc, Yunasko Ltd, Nichicon Corporation, LS Mtron.

Applications Covered:

Brake Regeneration

Start-stop operation

Active suspension

End Users Covered:

Aftermarket

Original Equipment Manufacturer (OEM)

Hybrid Electric Vehicle Types Covered:

Full hybrid

Mild hybrid

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends.

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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