

Automotive Ultracapacitor Market, Global Outlook and Forecast 2022-2028

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Abstracts

Ultracapacitors are electronic devices which are used in the automobile market for the storage of electric energy. They are sometimes called Supercapacitors, which are energy storage devices that offer high power density, fast charging, and discharging with long life. It is not a new technology, but it has reached a point where it can be implemented in various industries. Ultracapacitors are more efficient than batteries, however, they are used with batteries in cars to increase fuel efficiency. Several new advancements in the field of EVs have been made recently. Newer technologies and developments have been adopted by EVs. To accomplish the stop function, automotive Ultracapacitors are installed on the vehicle. This feature saves fuel by turning off the vehicle's engine while it is stopped and restarting it when the brakes are released. Automotive ultracapacitors are mostly utilised in EVs and hybrid cars to store energy and provide it to the engine during peak demand. Automotive ultracapacitors are primarily used to improve vehicle performance by improving fuel efficiency and lowering hazardous emissions by extending vehicle life. They have a number of advantages, including increased fuel efficiency, longer battery life, and lower greenhouse gas emissions. The market share for the Automotive Ultracapacitors is constantly increasing with the adoption of modern technologies by electric vehicles, increasing demand for electric vehicles, and the various benefits offered by the Ultracapacitors.

This report contains market size and forecasts of Automotive Ultracapacitor in global, including the following market information:

Global Automotive Ultracapacitor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Automotive Ultracapacitor Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Automotive Ultracapacitor companies in 2021 (%)

The global Automotive Ultracapacitor market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Electrostatic Double-Layer Capacitors Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Automotive Ultracapacitor include Maxwell Technologies, Nesscap Ultracapacitors, Skeleton Technologies, ELNA America Inc., Ioxus Inc, LS Mtron, Yunasko, Panasonic and Tesla, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Automotive Ultracapacitor manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Automotive Ultracapacitor Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Automotive Ultracapacitor Market Segment Percentages, by Type, 2021 (%)

Electrostatic Double-Layer Capacitors

Hybrid Capacitors

Global Automotive Ultracapacitor Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Automotive Ultracapacitor Market Segment Percentages, by Application, 2021 (%)

Automotive

Industrial Electrical Motors

Others

Global Automotive Ultracapacitor Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Automotive Ultracapacitor Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Automotive Ultracapacitor revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Automotive Ultracapacitor revenues share in global market, 2021 (%)

Key companies Automotive Ultracapacitor sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Automotive Ultracapacitor sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Maxwell Technologies

Nesscap Ultracapacitors

Skeleton Technologies

ELNA America Inc.

Ioxus Inc

LS Mtron

Yunasko

Panasonic

Tesla

NAWA Technologies

SPEL Technologies

Nippon Chemi-Con

CAP-XX

NEC-Tokin

Kemet Corporation

Sumitomo Corporation

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