

Global Supercapacitors Market – Products, Modules and Applications

“The report reviews, analyzes and projects the global market for Supercapacitors for the period 2017-2026. The market analysis for Supercapacitors product types carried out in this report includes Electrochemical Double-Layer Capacitors (EDLCs), Hybrid Capacitors and Pseudo Capacitors. The report studies the market for Supercapacitors by module type comprising Below 10 Volts, 10-25 Volts, 25-50 Volts, 50-100 Volts and Above 100 Volts. The market for application areas of Supercapacitors explored in this study includes Aerospace, Military & Defense, Automotive & Transportation, Consumer Electronics, Energy, Industrial and Other Verticals.”

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Report Synopsis

The global market for supercapacitors is the largest, as also the fastest growing, in Asia-Pacific. However, the adverse impact upon every industry caused by the Covid-19 outbreak in China in December 2019 has left its mark on the demand for supercapacitors also. While before the incidence of this pandemic the market for supercapacitors presented a rosy picture, with high double-digit growth rates in the range of 25%-35%, these trends would now be difficult to sustain. Countries across the globe are facing challenging medium-term futures and recovery could take anywhere from one to three years, again based on what the trajectory of a particular region’s economy was before this devastating outbreak.

Western Europe and the United States seem to have been more badly affected than Asian regions, though it is still early days as far as any abatement of the contagion is expected. However, many countries have now started opening up their industrial activity in a bid to revive sagging markets and hopefully others, too, would join in and make this a concerted effort.

The Automotive & Transportation sector is expected to be the fastest growing market for Supercapacitors, the global demand for which is anticipated to compound annually at 16.6% during 2019-2026 in reaching a projected US\$2.7 billion by 2026. The overall global market for Supercapacitors is expected to exceed US\$3 billion in 2020.

- Revolutionary Supercapacitor with Ten Times More Energy Density Developed
- Carbon Nanowalls and Carbon Nanotubes the Latest Advancements in Supercapacitors
- Thanks to Supercapacitors, Potential for Battery-Free Electric Cars Bright
- Metal Nanoparticles in Paper-Based Supercapacitors Enable in Improving Energy Density
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 35
- The industry guide includes the contact details for 101 companies

Product Outline

The market for key product types of Supercapacitors studied in this report comprise the following:

- Electrochemical Double-Layer Capacitors (EDLCs)
- Hybrid Capacitors
- Pseudo Capacitors

The report analyzes the market for the following module types of Supercapacitors:

- Below 10 Volts
- 10-25 Volts
- 25-50 Volts
- 50-100 Volts
- Above 100 Volts

The report analyzes the market for the following vertical sectors of Supercapacitors:

- Aerospace
- Military & Defense
- Automotive & Transportation
- Consumer Electronics
- Energy
- Industrial
- Others

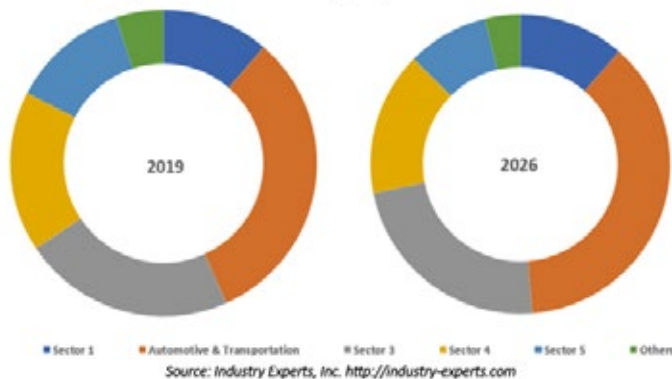
Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Supercapacitors market for the period 2017-2026 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2026.

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, the United Kingdom and Rest of Europe)
- **Asia-Pacific** (Asia-Pacific – China, India, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World**

Global Supercapacitors Market Analysis by Vertical Sector - 2019 to 2026



Research Findings & Coverage

- Supercapacitors global market research report analyzes the market with respect to product types, module types and end-use vertical
- The market size of Supercapacitors is estimated in this report by product type, module type and end-use vertical across all major countries

SAMPLE COMPANY PROFILE

EATON CORPORATION PLC (IRELAND)

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Website: www.eaton.com

Business Overview

Established in Dublin, Ireland, Eaton Corporation plc is a power management company engaged in offering a broad range of more reliable, efficient, safe and sustainable energy-efficient products and services through its electrical, hydraulics, aerospace, vehicle, and eMobility businesses for use in aerospace, buildings, data center, Eaton experience centers, food & beverage, government & military, healthcare, machine building, mining, metals and minerals, oil and gas, rail, residential, utilities, and vehicles markets in more than 175 nations across the world. Eaton via its Electrical business is engaged in offering a variety of electrical products and solutions comprising electronic components, backup power, uninterruptible power supplies (UPS), surge & IT power distribution, conduit, cable and wire management, dry type transformers technical support, electrical circuit protection, enclosures, industrial controls, drives, automation and sensors, lighting and controls, low-voltage power distribution & control systems, medium-voltage power distribution & control systems, process safety, automation, test and measurement, residential, server racks, enclosures & airflow management, support systems, utility & grid solutions, and wiring devices & connectivity for use in residential, commercial and institutional buildings, industrial facilities, utilities, data centers, oil and gas, mining and machine original equipment manufacturers (OEMs) markets. The electrical components portfolio offered by the company encompasses supercapacitors, circuit protection, power magnetics such as inductors and transformers, and terminal blocks for use in computing, consumer, energy, industrial, medical, and transportation markets.

The supercapacitors product line offered by the company are unique, ultra-high capacitance devices using electric double layer capacitor (EDLC) construction combined with new, high performance materials; customized to meet specific applications ranging from a few microamps for several days to hundreds of amps for seconds. Eaton supercapacitors include B supercapacitor, HB supercapacitor, HV supercapacitor, KR supercapacitor, KW supercapacitor, M supercapacitor, PB supercapacitor, PHB supercapacitor, PHV supercapacitor, PM supercapacitor, TV supercapacitor, XB supercapacitor, XL60 supercapacitor, XLCM (XLM module cabinet), XLM supercapacitor module, XLR supercapacitor module, XLR-LV supercapacitor module, XT supercapacitor, XTM-18 supercapacitor module, XV supercapacitor, XVM PCBA supercapacitor module, and XVM supercapacitor module.

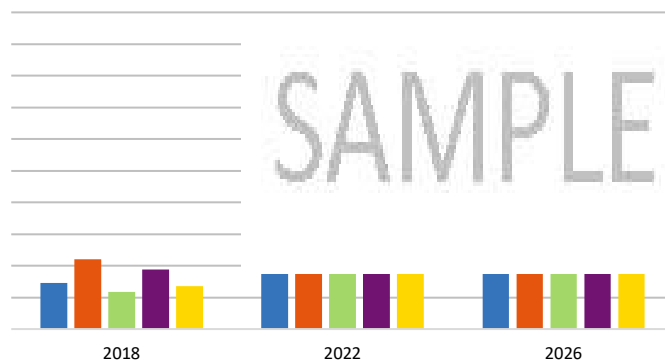
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SAMPLE TABLE/CHART

Glance at 2019 Global Supercapacitors Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Supercapacitors Market Analysis (2017-2026) by Module Type – Below 10 Volts, 10-25 Volts, 25-50 Volts, 50-100 Volts and Above 100 Volts in USD Million



KEY PLAYERS PROFILED

- CAP-XX LTD
- Eaton Corporation Plc
- Ioxus Inc
- KEMET Electronics Corporation
- Korchip Corporation
- LS Mtron Ltd.
- Maxwell Technologies, Inc.
- Nesscap Co., Ltd
- Panasonic Corporation
- SEIKO Instruments, Inc.
- Skeleton Technologies GmbH
- SPEL Technologies Private Ltd.
- Tecate Group
- Vinatech Co., Ltd.
- Yunasko Ltd

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About Industry Experts

Industry Experts’ market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

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