

Global Electric Double-layer Capacitor (EDLC) Market 2017 Industry Trends, Growth Rate with 9.37% CAGR Analysis 2021

WiseGuyReports.com adds "Global Electric Double-layer Capacitor Market 2017 Industry Trends, Growth Rate with 9.37% CAGR Analysis 2021" reports to its Database.



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[Electric Double-layer Capacitor \(EDLC\) SWOT Analysis And Forecast 2021](#)

About Electric Double-layer Capacitor (EDLC)

Electric double-layer capacitors (EDLCs) are energy storage devices that have higher capacitance than other capacitors or batteries. Compared with batteries, these devices have higher power capacity, longer life cycle, and faster charging options. Instead of conventional dielectrics, EDLCs have two plates that are separated by electrolytes. These plates are layers of the same substrate. The electrical properties of these plates help to separate the charge effectively, which even highly thin physical layers cannot do. The absence of heavy dielectric materials in EDLCs eases the packaging with a larger surface area resulting in high capacitance. EDLCs can generate capacitance values in farads instead of microfarads and picofarads, which are the measurement units for capacitance.

Technavio's analysts forecast the global electric double-layer capacitor (EDLC) market to grow at a CAGR of 9.37% during the period 2017-2021.

Covered in this report

The report covers the present scenario and the growth prospects of the global electric double-layer capacitor (EDLC) market for 2017-2021. To calculate the market size, the report considers the revenue generated from the sales of supercapacitors across various applications globally.

The market is divided into the following segments based on geography:

- Americas
- APAC
- EMEA

Technavio's report, Global Electric Double-Layer Capacitor (EDLC) Market 2017-2021, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

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Key vendors

- Maxwell Technologies
- Murata Manufacturing
- Nesscap Energy
- NEC TOKIN
- Nippon Chemi-Con
- Panasonic
- Skeleton Technologies

Other prominent vendors

- APowerCap Technologies
- Axion Power
- batScap
- Cellergy
- CAP-XX
- EESor
- Enable IPC
- Evans Capacitor
- EPCOS
- ELNA
- IOXUS
- LS Mtron
- Nichicon
- Supreme Power Solutions
- Tecate
- VINATech
- Yunasko

Market driver

- Long life cycle
- For a full, detailed list, view our report

Market challenge

- High initial expense
- For a full, detailed list, view our report

Market trend

- Growing adoption of graphene and carbon nanotube EDLCs
- For a full, detailed list, view our report

Key questions answered in this report

- What will the market size be in 2021 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?

You can request one free hour of our analyst's time when you purchase this market report. Details are provided within the report.

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