

Oslo high temperature supercapacitor manufacturer





Overview

What are supercapacitors & ultracapacitor?

Supercapacitors or ultracapacitors offer unique advantages like ultrafast charging, reliable operation spanning millions of duty cycles alongside wide operating temperatures and collaborative integration with batteries or fuel cells for energy storage applications.

What is the operating temperature of a supercapacitor?

Operating temperature range from -40°C to $+85^{\circ}\text{C}$ and a voltage tolerance range from 3.6V to 6.3V. These supercapacitors boast an energy density that is 8 to 10 times higher than that of EDLC (Electrochemical Double Layer Capacitors). They can withstand voltages of up to 4.2V.

Who are the top ranked supercapacitor manufacturers?

Also, please take a look at the list of 19 supercapacitor manufacturers and their company rankings. Here are the top-ranked supercapacitor companies as of October, 2025: 1.SPEL TECHNOLOGIES PRIVATE LIMITED, 2.Taiwan Zhifengwei Technology Co., Ltd., 3.CDE. What Is a Supercapacitor?

What Is a Supercapacitor?

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What is the global supercapacitor market?

Supercapacitors, also known as ultracapacitors, are becoming a critical component in modern energy storage solutions. According to Statistics MRC, the Global Supercapacitor Market is accounted for \$5.08 billion in 2024 and is expected to reach \$11.16 billion by 2030 growing at a CAGR of 14.0% during the forecast period.



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nanoCaps electrode supercapacitors superbatteries

Aug 19, 2025 · A Norwegian startup with the aim to manufacture leading edge supercapacitors for High energy density supercapacitors and superbatteries supercapacitor High energy

Supercapacitor

Find your supercapacitor easily amongst the 10 products from the leading brands (DOWEI, Eaton, Nippon Chemi-con,) on DirectIndustry, the ...

19 Supercapacitor Manufacturers in 2025

As a pioneer in manufacturing supercapacitors, its products range from coin, winding, and combined-type supercapacitors to module and high-temperature supercaps and hybrid ...

Supercapacitor

Find your supercapacitor easily amongst the 10 products from the leading brands (DOWEI, Eaton, Nippon Chemi-con,) on DirectIndustry, the industry specialist for your professional purchases.

Top 10 Supercapacitor Manufacturers in the ...

May 22, 2024 · The supercapacitor product lineup of CAP-XX includes its G Series for peak assist discharges, the D Series for burst power backup ...

Supercapacitors - Mouser Norway

Supercapacitors & Ultracapacitors are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many supercapacitor and ultracapacitor ...

High power energy storage solutions , Skeleton

Dec 7, 2025 · A supercapacitor is an energy storage medium, just like a battery. The difference is that a supercapacitor stores energy in an electric field, whereas a battery uses a chemical ...

Top 7 Supercapacitor & Ultracapacitors Manufacturers

Aug 16, 2024 · Explore the top 7 supercapacitor manufacturers that are leading the way in energy storage innovation. Discover industry leaders, cutting-edge technologies, and their global impact.

Top 10 Supercapacitor Manufacturers in the world ...

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Nov 26, 2025 · We take pride in our proprietary knowledge in supercapacitor manufacturing, striving to create superior products and provide excellent technical support and service to our ...

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Top 100 Supercapacitor Companies in 2025 , ensun

Key takeaway DIN Electronics is a national high-tech capacitor manufacturer that produces a variety of capacitors, including energy storage capacitors and supercapacitors, which are ...

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