
Oslo high temperature supercapacitor manufacturer

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.

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?

What temperature does a supercapacitor operate at?

Supercapacitors are capable of operating normally and maintaining efficiency within a temperature range of -40°C to $+65^{\circ}\text{C}$ or 149°F , with minimal to no effect on performance. However, high temperature does impact the lifetime of a supercapacitor cell, module, or system.

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.

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

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.

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The study of energy storage devices able to work in harsh environments is becoming of paramount importance. Numerous applications require devices able to sustain ...

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

Supercapacitors or ultracapacitors offer unique advantages like ultrafast charging, reliable operation spanning millions of duty cycles alongside wide operating temperatures and ...

Sustainability If all manufacturers of supercapacitors use nanoCaps electrodes; world production of energy storage increases 3 times with the same machinery and people. ...

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 ...

Currently, MXene-based supercapacitors (MSCs) have been widely studied due to their good flexibility and excellent electrochemical performance. At ...

Explore 10 new supercapacitor companies from 150+ entrants, offering supercapacitor electrodes, solid-state electrolytes & more.

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