



MODERNIZATION SOLAR

British high temperature supercapacitor manufacturer





Overview

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 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 temperature does a supercapacitor operate at?

Supercapacitors are capable of operating normally and maintaining efficiency within a temperature range of $-40^{\circ}\text{C}/\text{F}$ 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 are Maxwell supercapacitors used for?

Maxwell's supercapacitors are prominently used in regenerative braking systems in EVs, wind turbines for energy stabilization, and industrial power backup systems. Their products are also crucial in grid energy storage, helping stabilize power supply during peak demand. 2. Skeleton Technologies



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[High power energy storage solutions . Skeleton](#)

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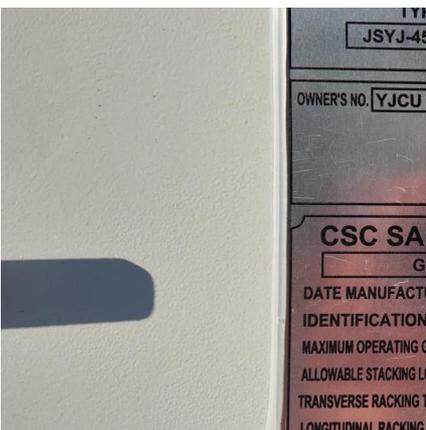
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[19 Supercapacitor Manufacturers in 2025](#)

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



Super6

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[super6-limited Research by SuperAGI](#)

```report # Super6 Limited: Company Profile ##  
Background Super6 Limited is a UK-based company specializing in the development and commercialization of advanced supercapacitor ...



## [Supercapacitors - Mouser United Kingdom](#)

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



## **Supercapacitor**

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

## [Supercapacitors , Farnell® UK](#)

A supercapacitor's lifetime spans 10 to 20 years, and the capacity might reduce from 100% to 80% after 10 or so years. Thanks to their low equivalent series resistance (ESR), ...



## [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.



## Supercapacitor

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