

# High temperature supercapacitor manufacturer in Zurich Switzerland





## Overview

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What are Sech ultracapacitors?

SECH ultracapacitors, also known as supercapacitors, are energy storage devices that can store and deliver energy very fast and with a high efficiency.

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 are prismatic supercapacitors?

The perfect solution for high-power, immediate energy storage and release. Our Prismatic Supercapacitors, developed in partnership with CAP-XX, provide high power density in an ultra-thin, lightweight design. These cutting-edge energy storage solutions bridge the gap between traditional capacitors and batteries.

Why do we need high-temperature supercapacitors?

The development of High-temperature supercapacitors (HTSc) has been motivated by the need for reliable energy storage systems capable of efficient operation under extreme thermal conditions, offering superior performance for critical industrial applications.



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A critical review of recent advancements in high-temperature

Feb 25, 2024 · The development of High-temperature supercapacitors (HTSc) has been motivated by the need for reliable energy storage systems capable of efficient operation under ...

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Electrochemical Energy Systems Laboratory

Jul 21, 2025 · Our group also has strong expertise and focus on fast energy storage systems (i.e. supercapacitors). Guided by mechanistic ...

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Top 10 Supercapacitor Manufacturers in the world (Updated ...

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Electrochemical Energy Systems Laboratory

Jul 21, 2025 · Our group also has strong expertise and focus on fast energy storage systems (i.e. supercapacitors). Guided by mechanistic understanding, we design next-generation materials ...

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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.

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High power energy storage solutions , Skeleton

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Products - SECH SA

SECH ultracapacitors, also known as supercapacitors, are energy storage devices that can store and deliver energy very fast and with a high efficiency. They present a high energy and ...

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Top 10 Supercapacitor Manufacturers in the ...

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Prismatic Supercapacitors - High Power Storage , SCHURTER

Prismatic Supercapacitors Our Prismatic Supercapacitors, developed in partnership with CAP-XX, provide high power density in an ultra-thin, lightweight design. These cutting-edge energy ...

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Super capacitor manufacturer in Zurich Switzerland

Page 1/3 Super capacitor manufacturer in Zurich Switzerland energy very fast and with a high efficiency. As a result, a supercapacitor can be used as a secondary battery when applied to a ...

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High power energy storage solutions , Skeleton

5 days ago · 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 ...

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SWISTOR , ReCharge The Future

Swistor develops high energy density energy storage devices that last longer and are environmentally friendly and safe. Our team has a unique expertise at the intersection of ...

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