

High temperature supercapacitor manufacturer in Zurich Switzerland





Overview

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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Electrochemical Energy Systems Laboratory

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High power energy storage solutions , Skeleton

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Products - SECH SA

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