

# **Boston high temperature supercapacitor manufacturer**





## Overview

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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.

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 operating temperature of a supercapacitor?

Operating temperature range from -40°C to +85°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.

Is Panasonic a supercapacitor?

Panasonic, a global electronics giant, has made significant inroads into the supercapacitor market. The company's energy storage solutions are known for their reliability, long lifespan, and consistent performance across various applications. Key Products and Technologies:



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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 ...

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

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

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Supercapacitor Top10 Companies , Energy ...

Oct 23, 2023 · Recent Developments April 2023: CAP-XX Limited, a leading manufacturer of ultra-thin prismatic, cylindrical, and Lithium-Ion ...

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Presentation

May 2, 2025 · Long Service Life: EDLCs have a much longer lifespan than batteries, with some models lasting up to 15 years Wide operating temperature range - can maintain their ...

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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 ...

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Graphene Supercapacitor Battery Manufacturer & Supplier

GTCAP graphene battery manufacturer & supplier focus on providing graphene battery, supercapacitor battery. Learn more here!

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Top 9 Supercapacitors And Ultracapacitors ...

Oct 7, 2025 · Nanoramic Laboratories, founded in 2009, is headquartered in Boston, Massachusetts. The company specializes in advanced energy ...

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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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Supercapacitor Top10 Companies , Energy Storage Devices

Oct 23, 2023 · Recent Developments April 2023: CAP-XX Limited, a leading manufacturer of ultra-thin prismatic, cylindrical, and Lithium-Ion supercapacitors, expanded its market reach by ...

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Home

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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#### Graphene Supercapacitor Battery ...

GTCAP graphene battery manufacturer & supplier focus on providing graphene battery, supercapacitor battery. Learn more here!

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#### Supercapacitors Suppliers in Massachusetts

Locate Supercapacitors suppliers, manufacturers & distributors in Massachusetts. Interactive map of Massachusetts provided.

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#### Top 9 Supercapacitors And Ultracapacitors Manufacturers

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#### 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 ...

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