



BUHLE POWER

Ion supercapacitor price





Overview

Where can I buy supercapacitors & ultracapacitor?

The link could not be generated at this time. Please try again. Supercapacitors & Ultracapacitors are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many supercapacitor and ultracapacitor manufacturers including Cornell Dubilier, Eaton, Elna, KEMET, KYOCERA AVX, Maxwell, Vishay & more.

What are sodium ion based supercapacitor devices?

We developed sodium ion based supercapacitor devices with high energy and power density and cyclic stability using nanomaterials for the electrodes and enhancers in the electrolyte. The cathode material was composed of NaCl salt, MWCNT (multi-walled carbon nanotubes), sulphur and cellulose, with compatible anode composition.

Which supercapacitor manufacturers does Mouser sell?

Mouser is an authorized distributor for many supercapacitor and ultracapacitor manufacturers including Cornell Dubilier, Eaton, Elna, KEMET, KYOCERA AVX, Maxwell, Vishay & more. Please view our selection of supercapacitors and ultracapacitors below.

Do supercapacitors store more energy than electrolytic capacitors?

Supercapacitors store more energy than electrolytic capacitors and they are rated in farads (F). Supercapacitors store electrical energy at an electrode-electrolyte interface. They consist of two metal plates, which only are coated with a porous material known as activated carbon.



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Supercapacitors and lithium ion capacitors are applied in many fields as backup power sources or substitute for traditional power supply to improve battery performance, including but not limited to:



[What is the Difference Between ...](#)

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Supercapacitor Price

The price of a supercapacitor depends on several factors including type, capacitance (farads), voltage rating, materials used, and application-specific design. Below is a detailed breakdown ...



Supercapacitor Price

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[Fabrication of pouch cell supercapacitors using abundant ...](#)

Feb 1, 2024 · So, in EVs supercapacitor could be used as an auxiliary equipment. The intended outcome of supercapacitor along with Li ion battery is to improve utilization level of Li-ion ...



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Ion-confined transport supercapacitors: The encounter with "Supercapacitor-chips" refers to the integration of different functional ion-confined transport supercapacitors (CAPode, switchable ...



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A supercapacitor of a given weight cannot store nearly as much energy as a lithium-ion battery can. However, a supercapacitor can discharge far faster than a battery can. So while a ...



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We offer a selection of electric double-layer capacitors (EDLCs), lithium ion capacitors, and miscellaneous types. A supercapacitor is a double-layer capacitor that has very high ...



[Super-capacitors and Ultra-capacitors Market](#)

Aug 25, 2025 · Supercapacitor costs remain stubbornly high at \$2,500-\$7,000 per kWh, while lithium-ion systems for short-duration storage now cost \$350-\$500 per kWh. This price ...



3300F Prismatic in Series of 4, Lithium Ion ...

The Lithium Ion Capacitor Module is a super-capacitor also called an ultra-capacitor. This system consists of four 3300F Prismatic cells packed in a ...



LIB Super Capacitors Lithium Ion Capacitor 4.0V 1100F ...

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Supercapacitor Cost per kWh: Breaking Down the Economics ...

While lithium-ion batteries dominate headlines, supercapacitor cost per kWh has emerged as a critical metric for industries demanding rapid charge-discharge cycles and extreme durability.

...



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