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Title: Supercapacitor low power discharge price

Generated on: 2026-04-26 09:05:57

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How much does a supercapacitor cost?

The capex costs of supercapacitors are contrasted with the costs of lithium ion batteries and the costs of flywheels in the chart below. A typical supercapacitor stores about 15 seconds of energy, for a capex cost of \$10,000/kWh, but just \$40/kW of power.

What is a high power supercapacitor?

High-reliability, high-power, ultra-high capacitance energy storage devices. 2.7V high-temperature and humidity supercapacitors, featuring a high energy density of over 4Wh/Kg. Feature a high energy density of over 5Wh/Kg and operate at 2.7V nominal DC voltage. Feature a high energy density of over 5Wh/Kg and operate at 3V nominal DC voltage.

How much energy does a supercapacitor store?

A typical supercapacitor stores about 15 seconds of energy, for a capex cost of \$10,000/kWh, but just \$40/kW of power. This is down to very high power density (10-25 kW/kg, 10-25x higher than a lithium ion battery), albeit quite low energy density (2-10 Wh/kg, which is 95-99% below a lithium ion battery).

Where can I buy supercapacitors & ultracapacitor?

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.

Mouser offers inventory, pricing, & datasheets for Supercapacitors / Ultracapacitors.

Find high-quality supercapacitor prices from reliable suppliers. Our collection includes graphene supercaps for various energy storage needs.

Supercapacitor A supercapacitor (SC), also called an ultracapacitor, is a high-capacity capacitor, with a capacitance value much higher than solid-state capacitors but with lower voltage limits. ...

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The costs of supercapacitors are tabulated in this data-file, with a typical system storing 15-seconds of electricity, for a capex cost around ...

The costs of supercapacitors are tabulated in this data-file, with a typical system storing 15-seconds of electricity, for a capex cost around \$10,000/kWh of energy but just ...

Supercapacitor A supercapacitor (SC), also called an ultracapacitor, is a high-capacity capacitor, with a capacitance value much higher than solid ...

Source over 131 supercapacitors for sale from manufacturers with factory direct prices, high quality & fast shipping.

This Eaton series features a 3.0F to 1400F capacitance range and is ideal for backup power, pulse power, and hybrid power systems applications. These supercaps can be ...

With capacitance values from 0.33 to 5 Farads, they offer excellent power density and efficiency, thanks to their low ESR and high energy density. These supercapacitors are capable of ...

Electric Double Layer Capacitors (EDLC), Supercapacitors are in stock at DigiKey. Capacitors ship same day.

Unlike batteries, these high-tech devices are capable of charging and discharging at identical rates. Moreover, they are so reliable that they are typically specified for up to 1,000,000 ...

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