



Supercapacitor prices vary





Overview

The answer often circles back to supercapacitor cost. While prices have dropped 40% since 2018, a typical 3,000F supercapacitor module still costs \$150-\$300 – significantly higher than traditional batteries in upfront terms. But what if we're measuring value wrong?

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Looking for reliable supercapacitor suppliers with competitive pricing?

This guide breaks down current market trends, price factors, and key considerations for industrial buyers. Whether you're in renewable energy, automotive, or grid storage, discover how to optimize your procur Looking for.

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Let's dissect a wind farm case.

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 \$40/kW of power. Hence, for short-duration, but very frequent and fast-acting voltage regulation, supercapacitors may be.

If you're researching energy storage for renewables, electric vehicles, or industrial applications, you've likely asked: "How much does a supercapacitor energy storage system cost per unit?"



” Spoiler alert: prices have dropped like a Tesla’s 0-60 mph time. In 2025, we’re seeing jaw-dropping figures.

The Supercapacitors Market Report is Segmented by Configuration (Type) (Electric Double-Layer Capacitors (EDLC), Pseudo Capacitors, and Hybrid Supercapacitors), Form Factor (Cell, Module, and Pack), Mounting Type (Discrete Components) (Surface-Mount, Radial Leaded, Snap-In, and More), End-User.

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 of the most common types of supercapacitors, their technical characteristics, and typical bulk pricing per.



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Supercapacitor Supplier Price List: 2024 Market Trends & Cost ...

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Supercapacitors Market 2025

Despite their superior performance characteristics, supercapacitors face significant adoption barriers due to their substantially higher cost compared to traditional electrolytic capacitors.



Supercapacitor Market Size, Share, Trends and Growth Analysis ...

The supercapacitor market is segmented into <100 F, 100-1,000 F, and >1,000 F categories. Supercapacitors below 100 F are widely used in devices needing rapid energy discharge with ...

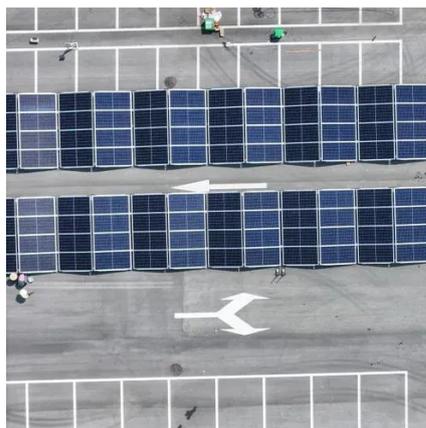


Understanding the Price of Charging Supercapacitors Costs ...

What drives the price of charging supercapacitors? As energy storage solutions gain momentum across industries, supercapacitors have emerged



as a game-changer for rapid energy ...



[A Technical Guide to Supercapacitor Price: Structure, ...](#)

Explore the technical aspects influencing supercapacitor price, including structure, materials, and performance metrics. Learn about key specifications and real-world applications in energy ...

Supercapacitors: the economics?

Supercapacitor costs in \$/kW and \$/kWh terms vary as a function of the system build, materials and energy storage duration (in seconds). Numbers can be viewed in the data ...



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Supercapacitors Market Size, Share , Global Report [2024-2032]

Supercapacitors, also known as ultracapacitors or double-layer capacitors, are electronic devices that are used to store particularly large amounts of electrical charge. They ...



[Supercapacitor Market Size, Growth & Industry Trends , 2025](#)

By form factor, modules commanded 57.8% share of the supercapacitors market in 2024, and packs are forecast to grow at 17.4% CAGR to 2030. By mounting type, snap-in ...

Supercapacitor Energy Storage System Unit Price: What You ...

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Supercapacitor Cost: Breaking Down Barriers for Energy Storage

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