

# Price of single supercapacitor in China and Europe

How much does a supercapacitor cost?

This erodes the justification for ultra-capacitor installations in renewable energy hubs requiring both fast response and sustained output. 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.

How big is the global supercapacitor market?

Source: Secondary Research, Interviews with Experts, MarketsandMarkets Analysis The global supercapacitor market is projected to grow from USD 1.35 billion in 2025 to USD 2.84 billion by 2030, at a CAGR of 16.1%. Growth is driven by adoption of automotive, consumer electronics, renewable energy, and industrial automation.

What is the market share of supercapacitors in 2025?

By configuration, Electric Double-Layer Capacitors led with 54.62% of the supercapacitors market share in 2025, while Hybrid Supercapacitors are projected to expand at an 17.62% CAGR through 2031. By form factor, modules commanded 57.12% share of the supercapacitors market in 2025, and packs are forecast to grow at 16.95% CAGR to 2031.

Which countries are leading the supercapacitor market?

Asia Pacific is projected to record the fastest growth in the supercapacitor market, with a CAGR of 17.6%. This expansion is driven by rising adoption in electric vehicles, renewable energy storage, and consumer electronics, supported by rapid industrialization and government-led electrification initiatives across China, Japan, and India.

Supercapacitors Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Supercapacitors Market Report is Segmented by Configuration (Type) (Electric Double ...

The ultra-capacitor supply chain faces raw-material bottlenecks, specialized manufacturing limits, and geopolitical dynamics that constrain mass production. Key electrode ...

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. ...

Understanding the relationship between supercapacitor price and capacity requires evaluating technical specifications against operational requirements. As hybrid systems become mainstream, selecting ...

The Supercapacitor is an essential part of our Capacitor offerings. To ensure capacitor quality from a China supplier, conduct factory audits, request product certifications, and samples, and check for ...

The China Supercapacitor Market is witnessing a robust growth trajectory fueled by advancements in energy storage technologies. Among the various types of supercapacitors, Double Layer Capacitors ...

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The Europe supercapacitors/ultracapacitors market is projected to reach \$7,071.4 million by 2033 from \$1,201.4 million in 2023, growing at a CAGR of 19.39% during the ...

Why Is Supercapacitor Cost Still a Challenge for Global Adoption? As renewable energy systems expand from China's solar farms to Europe's smart grids, one question persists: Why do many ...

Summary: Wondering about the cost of EK supercapacitors? This guide breaks down pricing factors, industry applications, and emerging trends. Whether you're in renewable energy, transportation, or ...

The global Supercapacitor Market Size in terms of revenue is estimated to be worth \$1.35 billion in 2025 and is poised to reach \$2.84 billion by 2030, growing at a CAGR of 16.1% during the forecast period.

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