

Supercapacitor price in China and Europe

What makes a super-capacitor so expensive?

Super-capacitors require high-purity activated carbon (70-80% of electrode material costs) and graphene, with China controlling 65% of global graphite production. The 2022 export controls on synthetic graphite by China - responsible for 45% of battery-grade material - caused price spikes of 22% for super-capacitor manufacturers.

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.

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.

Where do super-capacitors come from?

Raw material sourcing remains a primary bottleneck. Super-capacitors require high-purity activated carbon (70-80% of electrode material costs) and graphene, with China controlling 65% of global graphite production.

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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, ...

Supercapacitors Market Size & Share Analysis - Growth Trends & Forecasts (2025 - 2030) The Supercapacitors Market Report is Segmented by Configuration (Type) (Electric ...

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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 ...

U.S. VS China: Supercapacitor domestic production, consumption, key domestic manufacturers and share Global Supercapacitor production by manufacturer, production, price, value and ...

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The global supercapacitors market size is projected to hit around USD 14.74 billion by 2034, increasing from USD 3.45 billion in 2025, with a CAGR of 17.50%.

The China Supercapacitor Market is witnessing a robust growth trajectory fueled by advancements in energy storage technologies. Among the ...

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At present, foreign companies take a leading position and sweep most of the global market. Japan, the United States and Europe have prioritized supercapacitors as a national key ...

Europe's supercapacitor ecosystem is not limited to isolated projects. Collaborative networks such as HEDAsupercap and allied consortia bring together a spectrum of ...

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