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New supercapacitor price





Overview

Prices range from \$0.01 for basic electrolytic capacitors to \$200+ for industrial graphene modules. Mid-range units (e.g., 3000F/2.7V) cost \$2.50-\$15 per piece at scale. What is a supercapacitor market?

Stakeholders in the supercapacitor market are aiming to capitalize on various performance characteristics of pseudo-capacitors and hybrid capacitors, which can reflect higher energy density than any other types of supercapacitors.

What is a supercapacitor?

A supercapacitor is a high-capacity capacitor with capacitance values much higher than other capacitors (but lower voltage limits) that bridge the gap between electrolytic capacitors and rechargeable batteries.

How to charge a super-capacitor?

When it comes to charging a super-capacitor there are two golden rules, the capacitor should be charged with correct polarity and with a voltage not exceeding 90% of its total voltage capacity. Super-capacitors in market today are normally rated for 2.5V, 2.7V or 5.5V.

How much is the global supercapacitor market worth?

The global Supercapacitor market was valued at US\$ 3589.4 million in 2023 and is anticipated to reach US\$ 4490.9 million by 2030, witnessing a CAGR of 3.3% during the forecast period 2024-2030.



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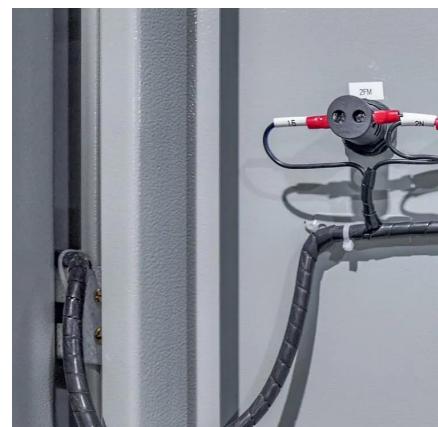


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