

# Super Farad Capacitor Specifications





## Overview

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What is a supercapacitor?

A supercapacitor is a specially designed capacitor which has a very large capacitance. Supercapacitors combine the properties of capacitors and batteries into one device. Supercapacitors have charge and discharge times comparable to those of ordinary capacitors.

What are high capacitance values (farads)?

high capacitance values (farads) in a variety of packaging options that will satisfy, low profile, surface mount, through hole and high density assembly requirements.

What are supercapacitors & EDLC?

Supercapacitors, also known as ultracapacitors and electric double layer capacitors (EDLC), are capacitors with capacitance values greater than any other capacitor type available today. Supercapacitors are breakthrough energy storage and delivery devices that offer millions of times more capacitance than traditional capacitors.

What are Eaton supercapacitors?

Eaton supercapacitors are unique, ultra-high capacitance devices utilizing electrochemical double layer capacitor (EDLC) construction combined with new, high performance materials.



## Super Farad Capacitor Specifications



### 100 Farad Super Capacitors , Products & Suppliers , GlobalSpec

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### [Supercapacitor , Capacitor Types , Capacitor Guide](#)

What Are Supercapacitors? Characteristics Construction and Properties of Supercapacitors Applications For Supercapacitors Supercapacitors are electronic devices which are used to store extremely large amounts of electrical charge. They are also known as double-layer capacitors or ultracapacitors. Instead of using a conventional dielectric, supercapacitors use two mechanisms to store electrical energy: double-layer capacitance and pseudocapacitance. Double layer capaci See more on eepower Author: Robert Keimzapco



### Z-CB100F , ZAPCO

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### [Electric Double Layer Supercapacitor Datasheet](#)

Jan 29, 2018 · Specifications high capacitance values (farads) in a variety of packaging options



that will satisfy, low profile, surface mount, through hole and high density assembly ...

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### **Super Capacitor Battery,Ultracapacitor Bank,Super Farad Capacitor...**

Super Capacitor designed for hybrid battery packs, UPS and telecom systems, hold power, quick charge and discharge, very high capacitance. A variety of supercapacitor batteries and super ...





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### [XT Supercapacitor data sheet](#)

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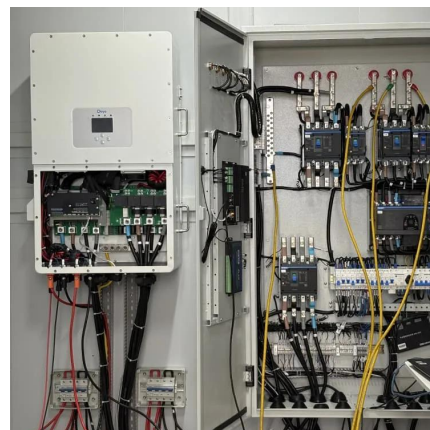
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Dec 14, 2020 · Supercapacitor Construction What makes' supercapacitors different from other capacitors types are the electrodes used in these capacitors. Supercapacitors are based on a ...



### [Supercapacitor Technical Guide](#)

Feb 23, 2024 · Supercapacitors are breakthrough energy storage and delivery devices that offer millions of times more capacitance than traditional capacitors. They deliver rapid, reliable ...





### [Supercapacitors \(EDLCs\) , Passive Components , Würth ...](#)

EMC components, ferrites, common mode chokes, inductors, ESD protection, signal transformers, capacitors, resistors and crystals & oscillators

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