

SolarInnovate Energy Solutions

Price of Electric Double Layer Supercapacitor



Overview

Where can I buy electric double layer capacitors (EDLC)?

Electric Double Layer Capacitors (EDLC), Supercapacitors are in stock at DigiKey. Order Now! Capacitors ship same day.

What are double layer supercapacitors?

They generate an electrical field between two conductor plates and are also known as supercapacitors. RS offer an extensive range of high-quality double layer supercapacitors from leading brands including Vishay, KEMET, Panasonic, and of course RS PRO. Supercapacitors are categorised based on the design of the electrodes.

What is an electric double layer capacitor?

Electric double layer capacitors can charge and store more energy than standard capacitors. They are used in applications such as handheld devices and are now widely used in hybrid vehicles because of their rapid charging rate. Due to their electric flow, they can be applied as backups to primary batteries to ensure a steady electrical current.

What are the different types of supercapacitors?

Supercapacitors: 648 Products Found We offer a selection of electric double-layer capacitors (EDLCs), lithium ion capacitors, and miscellaneous types. A supercapacitor is a double-layer capacitor that has very high capacitance but low voltage limits. Supercapacitors store more energy than electrolytic capacitors and they are rated in farads (F).

Are Rs supercapacitors a good brand?

RS offer an extensive range of high-quality double layer supercapacitors from leading brands including Vishay, KEMET, Panasonic, and of course RS PRO. Supercapacitors are categorised based on the design of the electrodes. Electric double layer capacitors have carbon electrodes with a much higher

static capacitance than others.

Why are supercapacitors called EDLCs?

When a voltage is applied, two separate charged layers are produced on the surface with a small separation distance. This is why supercapacitors are often referred to as electric double-layer capacitors or EDLCs. A lithium-ion capacitor (LIC or LiC) is a hybrid type of capacitor classified as a type of supercapacitor.

Price of Electric Double Layer Supercapacitor



Electric Double Layer Capacitors (edlc), Supercapacitors Price

Jul 14, 2025 · [Sapphire Electronics] has the latest Electric Double Layer Capacitors (edlc), Supercapacitors price and Electric Double Layer Capacitors (edlc), Supercapacitors inventory, ...

A comprehensive review on supercapacitors: Basics to recent

Jun 15, 2025 · Becker created the first supercapacitor at The Standard Oil Company in Cleveland, Ohio (SOHIO) in 1957 by employing electric double-layer charge storage [12] and patented by ...



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://institut3i.fr>