



Irish Super DC Capacitor Company





Overview

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.

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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.

Pricing (EUR) Filter the results in the table by unit price based on your quantity. Super Capacitors Supercapacitors / Ultracapacitors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Super Capacitors Supercapacitors / Ultracapacitors.

Electric double layer capacitors are two-terminal energy storage devices that collect voltage as current flows through an electric circuit. 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.

This section provides an overview for supercapacitors as well as their applications and principles. Also, please take a look at the list of 19 supercapacitor manufacturers and their company rankings. Here are the top-ranked supercapacitor companies as of January, 2026: 1. SPEL TECHNOLOGIES PRIVATE.

Ultracapacitors have very high specific power which is largely unaffected by temperature through their operational range. When ultracapacitors are paired with high energy sources, the combined system peak power can increase dramatically. Ultracapacitors have a design life of 10 years at rated.

Super capacitors are perfect for applications where the capacity of a standard electrolytic capacitor is too small and a rechargeable battery is bigger than needed. This 1F capacitor will run an LED for around 10 minutes. Value: 1F Max



voltage: 5.5V Diameter: 20.5mm Height: 7.5mm Lead pitch: 5mm.



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Supercapacitors , Farnell® Ireland

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Supercapacitors , Electric Double Layer , RS

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 ...



Supercapacitors Companies

Get access to the business profiles of top 26 Supercapacitors companies, providing in-depth details on their company overview, key products and ...

IOXUS

Ultracapacitors store much more energy than other traditional capacitors, but substantially less than batteries. To determine the energy stored in an ...



Top Companies List of Supercapacitor Industry

Major players operating in the supercapacitor market include Maxwell Technologies (US), LS Materials (South Korea), Nippon Chemi-Con Corporation (Japan), Eaton (Ireland), and CAP ...



Top 10 Supercapacitor Manufacturers in the world (Updated 2024)

Supercapacitors or ultracapacitors offer unique advantages like ultrafast charging, reliable operation spanning millions of duty cycles alongside wide operating temperatures and ...



1F Super Capacitor, 5.5V

Super capacitors are perfect for applications where the capacity of a standard electrolytic capacitor is too small and a rechargeable battery is bigger ...



Capacitors



High performance ceramic capacitors designed to meet the needs of the world's most demanding applications. A broad line of AC and DC rated ...



Capacitors

High performance ceramic capacitors designed to meet the needs of the world's most demanding applications. A broad line of AC and DC rated film capacitors using industry leading dielectric ...



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...



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IOXUS

Ultracapacitors store much more energy than other traditional capacitors, but substantially less than batteries. To determine the energy stored in an ideal capacitor take the upper voltage and ...



1F Super Capacitor, 5.5V

Super capacitors are perfect for applications where the capacity of a standard electrolytic capacitor is too small and a rechargeable battery is bigger than needed.



[19 Supercapacitor Manufacturers in 2025](#)

Utilizing automated production and testing machines, along with a laboratory for assessing product performance and reliability, the company offers a selection of capacitors, including ...



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