

# Electrochemical Supercapacitors Scientific Fundamentals And Technological Applications.pdf

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Electrochemical capacitors (supercapacitors) consist of two electrodes separated by an ion-permeable membrane , and an electrolyte ionically connecting both electrodes.

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Another type – the electrochemical capacitor – makes use of two other storage principles to store electric energy. In contrast to ceramic, film, and electrolytic capacitors, supercapacitors (also known as electrical double-layer capacitors (EDLC) or ultracapacitors) do not have a conventional dielectric.

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