

Super large capacity capacitor

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Ultracapacitors complement a primary energy source which cannot repeatedly provide quick bursts of power, such as an internal combustion engine, fuel cell ...

Holy Stone LCC Capacitors - Optimized internal designs offers the highest voltage rating (up to 8KVdc). Capacitance range from 100pF to 18uF and sizes from 2520 to 3640.

OverviewBackgroundHistoryDesignStylesTypesMaterialsElectrical parametersA supercapacitor (SC), also called an ultracapacitor, is a high-capacity capacitor, with a capacitance value much higher than solid-state capacitors but with lower voltage limits. It bridges the gap between electrolytic capacitors and rechargeable batteries. It typically stores 10 to 100 times more energy per unit mass or energy per unit volume than electrolytic capacitors, can accept and deliver charge much faster than batteries, and tolerates many more charge and discharge cycles than rechargeable batteries.

Diverse selection of capacitor technologies, encompassing supercapacitors and film capacitors. Features high power density and a minimal discharge rate of 72 hours at discharge ...

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