
Athens Super Module Capacitor

Can a supercapacitor module be configured in series?

As many applications require higher voltages, supercapacitor modules can be configured in series to increase the working voltage, which is referred to as a module string.

Similarly, supercapacitor modules parallel to meet application needs with respect to current or power required over a desired timeframe.

Which supercapacitor module is based on skeleton?

Based on Skeleton's industry-leading supercapacitors, offering unparalleled power. The SkelMod 51V 177F supercapacitor module is the only rail-certified supercapacitor module on the market. Based on Skeleton's supercapacitors: Reliable engine starting for diesel engines in any weather conditions.

Are Eaton supercapacitors UL certified?

Eaton's supercapacitor and supercapacitor module UL certifications are contained in UL file MH46887. Eaton supercapacitors are rated non-hazardous under the OSHA hazard communication standard (29 CFR 1910.1200). If a module has been found to be drastically overheating unexpectedly, remove power or load from the module.

What is the operating temperature range for Eaton supercapacitor modules?

The standard operating temperature range for Eaton supercapacitor modules is -40 °C to +65 °C. Temperature in combination with voltage can affect the lifetime of a supercapacitor. In general, an increase of ambient temperature by 10 °C will decrease the lifetime of a supercapacitor by a factor of two.

Skeleton's modules offer high power and excellent reliability for applications across AI data centers, grid stability, transportation, and industry.

Super Capacitor Modules For Back-Up & Power Pulse applications Supercapacitors, also known as ultracapacitors, are excellent for supplying current peaks due to their low internal ...

XLR-16 Ruggedized supercapacitor energy storage modules for transportation applications The XLR-LV supercapacitor module is a self ...

12V~30V Capacitor starter Module CP-250F-32V-A Super capacitor module CP-38F-30V-A Vehicle Ultracapacitor Modules CP-58.3F-16.2V-D Ultracapacitor Modules CP-500F-16V-A

The new module will offer advanced capacitor management system options (CMS) for improved reliability as well as safety enhancements which ...

A leading Manufacturer of high-quality capacitors, Cornell Dubilier serves companies in the power electronics industry with the goal of collaborating ...

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known as ultracapacitors, are excellent for ...

Find answers to common questions about supercapacitor modules and key considerations in selecting a module.

Overview Supercapacitor modules are an emerging technology in larger scale energy storage segment for infrastructure backup power, peak power shaving, heavy ...

A leading Manufacturer of high-quality capacitors, Cornell Dubilier serves companies in the power electronics industry with the goal of collaborating with them to energize ideas by arriving at the ...

Introduction Supercapacitors also known ultracapacitors and electric double layer capacitors (EDLC) are capacitors with capacitance values greater than any other capacitor ...

Supercapacitors are deceptively simple devices when it comes to the components and materials but despite the relatively simple ...

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