

60v super capacitor specifications and models





Overview

What are Eaton supercapacitors?

Eaton supercapacitors are unique, ultra-high capacitance devices utilizing electric double layer capacitor (EDLC) construction combined with new, high performance materials. This combination of advanced technologies allows Eaton to offer a wide variety of capacitor solutions tailored to specific applications.

What voltage is a super capacitor rated for?

Super-capacitors in market today are normally rated for 2.5V, 2.7V or 5.5V. Just like a lithium cell these capacitors have to be connected in series and parallel combination to form high voltage battery packs.

What is a super capacitor?

For those of you who don't know much about super capacitors, here is a little bit of fun theory: Super capacitors act like any other kind of capacitor, only they can store tremendous amounts of energy. Many capacitors that you'd have seen in audio circuits have capacitances such as 470uf or 680uf (micro farads).

Why should you choose xl60 supercapacitor cells?

The XL60 supercapacitor cells offers high energy and power in a standardized form factor. Terminal design is optimized for high reliability and low contact resistance. Supercapacitor lifetimes vary based on charge voltage and temperature.



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WCAP-STSC Supercapacitors (EDLCs) , Passive Components ...

The Supercapacitor - A Versatile Energy Storage Device and How to Use it. WE meet @ Digital Days 2021:WE backup your application; hot swappable supercapacitor backup solution Würth ...

XL60 Large cell supercapacitor , 2.7 V & 2.85 V & 3.0 V

Eaton XL60 supercapacitor cells are used in XLR modules. The cells provide high reliability for long-life operation with very high efficiency. An operating temperature range of minus 40 ...

Type DSM, Standard Supercapacitor Modules

Mar 7, 2025 · Specifications range of capacitance values and voltages to enable simple, rapid implementation into any system. Each module features an insulated construction with ...

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XL60 Supercapacitor data sheet

Jan 26, 2025 · Description Eaton supercapacitors are unique, ultra-high capacitance devices utilizing electric double layer capacitor (EDLC) construction combined with new, high ...

60V Super Capacitor Specifications and Models A ...

Discover the power and versatility of 60V super capacitors - the backbone of modern energy storage solutions. This guide explores technical specifications, industry-leading models, and ...

Electric Double Layer Supercapacitor Datasheet

Jan 29, 2018 · Specifications high capacitance values (farads) in a variety of packaging options that will satisfy, low profile, surface mount, through hole and high density assembly ...

Exploring 60v Super Capacitor: Key Features, Properties, and

Discover the key features, specifications, and performance insights of the 60v super capacitor. Explore its properties, efficiency, and common applications in energy storage, automotive, and ...

60 VDC Supercapacitors / Ultracapacitors - Mouser

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Knowles DSM Supercapacitor Modules Now Available in 60V

Sep 10, 2025 · Knowles expands DSM supercapacitor series with a 60V module, offering a plug-and-play prototype design, high power, safety, and long-lasting energy storage.



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