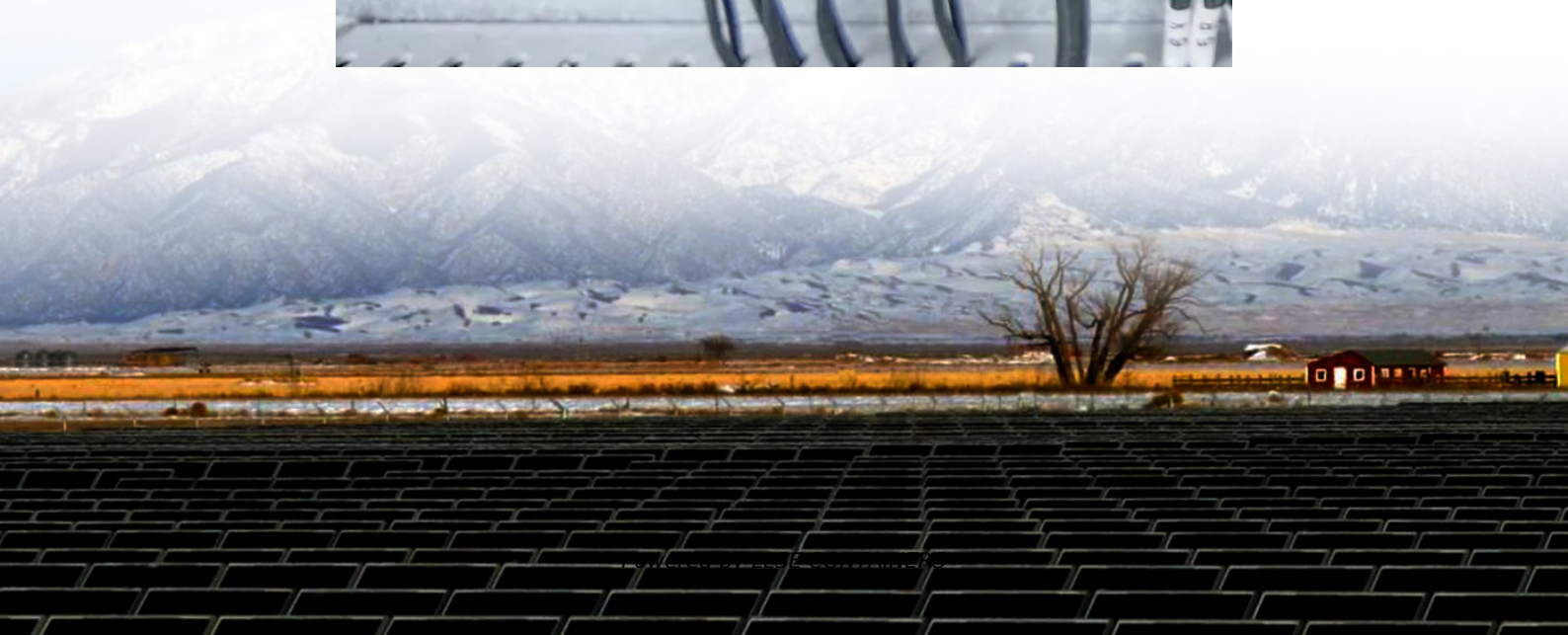
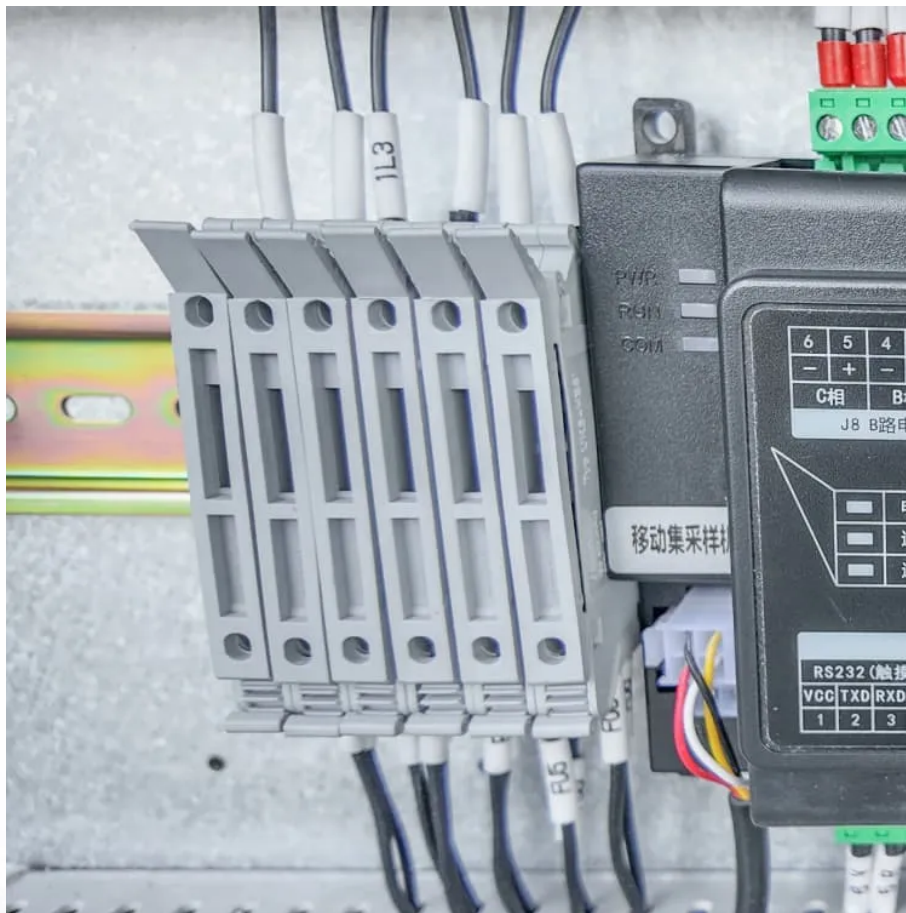


Georgia Supercapacitor Company





Overview

Georgia Tech Research Corporation is developing a supercapacitor using graphene—a two-dimensional sheet of carbon atoms—to substantially store more energy than current technologies. What is a supercapacitor (SC)?

As a kind of energy storage device, the supercapacitor (SC) has attracted great attention in the field of electronics, transportation, and aerospace with its high energy density and good cycle stability [1, 2, 3]. The supercapacitors could be divided into electrostatic double-layer capacitors (EDLCs) and faradaic pseudocapacitors [4].

What does a supercapacitor manufacturer do?

Manufactures capacitors with emphasis on supercapacitor technologies for electric applications. Manufacturing expertise ensures large production volumes to meet demand. Focus on R&D to enhance product efficiency and market adaptability. Contributes to the energy storage market with focus on supercapacitors and integrated solutions.

What is a compact supercapacitor?

Compact supercapacitor designs cater to niche markets with specific needs. Focus on miniaturization of supercapacitors for electronic devices and wearables. Engages in diverse technological solutions, including advanced energy storage products. Integrates supercapacitor technology into solar energy systems, improving energy efficiency.

Are supercapacitors a good energy storage device?

It is a new type of energy storage device, which has the characteristics of high power density, short charging time, long service life, good temperature characteristics, energy saving and green environmental protection. Supercapacitors are versatile. Can supercapacitors be batteries
Supercapacitors can replace batteries.



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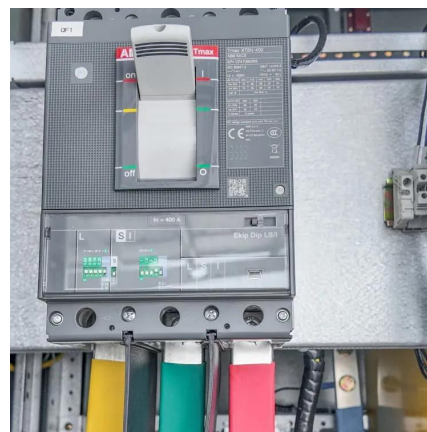


[Nitrogen and sulfur co-doped graphene aerogel with ...](#)

Jan 1, 2020 · Abstract Supercapacitors with unique performance have been widely utilized in many fields. Herein, we report a nitrogen and sulfur co-doped graphene aerogel (N/S-GA-2) ...

[The influence of S-doped technique on supercapacitor](#)

Apr 17, 2023 · To evaluate the effect of sulfur doping in $\text{Co}(\text{OH})_2 @ \text{NC}$, an asymmetric supercapacitor ($\text{S-Co}(\text{OH})_2 @ \text{NC} // \text{GA} @ \text{NC}$) was prepared. It is worth noticing the as ...



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Dec 4, 2025 · Since it was founded in 2010, GMCC is mainly engaged in electrochemical, energy storage device active powder materials, dry electrodes, supercapacitors, and energy storage ...



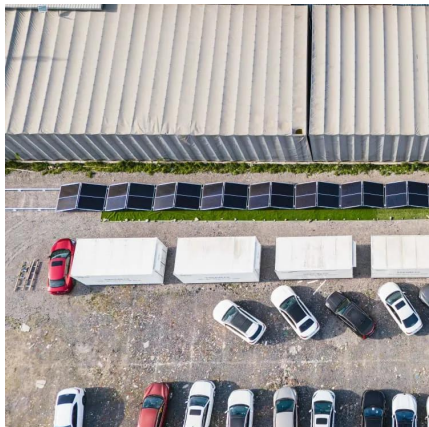
[Georgia supercapacitor energy storage system](#)

A Supercapacitor-based Energy Storage System for Roadway Energy He was a Postdoctoral Fellow with the Georgia Institute of Technology from 2013 to 2015 and a Visiting Assistant ...



Georgia Supercapacitor Market (2022-2028) , Trends, ...

The supercapacitor market in Georgia faces challenges related to technology scalability and market acceptance. While supercapacitors offer advantages such as high power density, fast ...



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