

Sodium-ion batteries have emerged as promising alternatives to the widely used Lithium-ion batteries, offering cost efficiency and greater availability due to the abundance of sodium on ...

Chinese battery giant CATL (Contemporary Amperex Technology Co. Limited), the world's largest producer of lithium-ion batteries, is now leading efforts to commercialize sodium-ion ...

Sodium-ion batteries" design is similar to lithium-ion batteries, but with sodium in place of lithium as the main chemical ingredient, with sodium being widely available, low-cost and ...

Looking Ahead While the market shapes out, sodium-ion battery manufacturers are continuing to pave the way researching and developing better and more advanced cells. CATL and BYD are ...

CATL, the Chinese battery behemoth, is poised to shake up the electric vehicle landscape with sodium-ion batteries, or "salt batteries," with mass production for mainstream EVs scheduled ...

The top 10 sustainable batteries in 2025, including sodium-ion and solid-state technologies, prioritize eco-friendly materials and efficient recycling to reduce environmental impact. These ...

Tesla and CATL lead in fast-charge lithium-ion; BYD controls vertical supply chains from raw materials to finished vehicles, giving it a scale edge in solid-state ramp-up; Legacy OEMs ...

The Aito M9 is an electric vehicle with an advanced silicon-carbon (SiC) battery rated to have an energy density of up to 200 watt-hours per kilogram (Wh/kg). Its successor might be even ...

Huawei "s Aito new energy car brand plans to launch the new model with a sodium-containing 12C battery pack from CATL. This model is a high-volume car, possibly called Aito M6. Its batteries ...

Huawei"s Aito brand is working on a new electric SUV that promises to redefine charging speeds and battery technology. This all-new model is being developed in partnership with Seres, and ...

A technician of Contemporary Amperex Technology Co Ltd checks an electric vehicle battery at the company"s plant in Ningde, Fujian province. [Photo/Xinhua] Contemporary Amperex Technology Co Ltd, better known as ...

However, Seres" officials highlighted that the new Aito model will adopt a sodium-containing battery pack from CATL with a 12C charging capability. The unnamed Aito vehicle will be ...



