

Sodium-Sulfur Battery BREAKTHROUGH Could Make Lithium Obsolete by Health Ranger | Jan 20, 2026

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Researchers at Shanghai Jiao Tong University teamed up sodium with sulfur to make a high-energy-density battery. This is not the first attempt to pair sodium and sulfur. Batteries made...

Now, researchers from China have revealed a new battery design that may offer a better alternative to lithium. The new study, published in Nature, describes a sodium and sulfur-based, ...

Researchers made the breakthrough while developing solid-state sodium-ion (Na-ion) batteries, which could one day supplement and replace the lithium-ion (Li-ion) batteries used in many...

A team of researchers in China has just pulled the curtain back on a new sodium-sulfur battery design that could fundamentally change the math on energy storage.

At its Board of Directors meeting on October 31, 2025, Japanese ceramics manufacturer NGK Insulators announced that it had resolved to discontinue the manufacturing and sales of its...

In order to maintain steady factory utilization, battery companies are shifting to the most abundant low-cost materials, with sodium-ion batteries to increase volume and further lower battery ...

Japan's NGK Insulators has discontinued its sodium-sulfur (NAS) battery product line, with the exit of its partner, BASF, thought to have led to the final decision.

Here we report a 3.6 V class Na-S battery featuring a high-valence sulfur/sulfur tetrachloride (S/SCl₄) cathode chemistry and anode-free configuration.

This discovery makes high voltage sodium-sulfur batteries potential runners that outperform lithium-ion. What's more, they are cheaper too!

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