

# Does sodium battery energy storage require aluminum

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The recent study shows that the sodium-aluminum battery design eliminates the need for nickel without sacrificing performance, and actually charges more rapidly.

Sodium and aluminum are both non-toxic and can be easily recycled. Additionally, the battery does not require any rare earth metals, which are often associated with ...

The battery uses an aluminum cathode that charges quickly and reportedly enables longer-duration discharge.

Because the sodium must be kept in a molten state, these batteries must operate at temperatures above 250°C, making them impractical for use in EVs but acceptable for ...

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