

Ghana enters critical mineral market with Ewoyaa lithium project. Offering 10% royalty and 6% government equity. Community perspectives reveal mixed expectations. Potential social and ...

Zimbabwe has the largest lithium reserves on the African continent. Lithium has been mined since the colonial period in the 1950s. It's a critical part of rechargeable lithium-ion batteries that are ...

A team of Chinese researchers has made a groundbreaking breakthrough to revive aging lithium batteries by injecting a "shot" of lithium ions, potentially extending their lifespan from the typical 6-8 years or 1,000-1,500 ...

Here are a couple of key lithium battery technology: Solid-State Batteries: A newer type of battery with the potential for more energy and better safety. Advanced Battery Management Systems ...

Sodium is more than 500 times more abundant than lithium, which is available in a few countries. Sodium-ion battery charges faster than lithium-ion variants and have a three times higher lifecycle. However, sodium-ion ...

July 2, 2025 Vanadium Redox Flow Batteries: A Safer Alternative to Lithium-Ion Technology As the global push for renewable energy accelerates, the demand for safe, sustainable, and ...

Lithium-ion technology offers a smarter, more sustainable alternative. Li-ion batteries deliver up to three times the service life of conventional systems, require no maintenance, and eliminate the ...

From sodium-ion to solid-state and vanadium redox flow to aluminium-air batteries, these alternatives aim to address cost, safety, and sustainability challenges. So, let's explore five of ...

Two projects led by the University of Oxford have received a major funding boost from the Faraday Institution, the UK's flagship institute for electrochemical energy storage research. The funding is part of a £19 million ...

Tesla is once again making headlines with its innovative approach to electric vehicle (EV) battery technology. The introduction of Tesla's new lithium-iron-phosphate (LFP) battery tech marks a ...

A Cleaner, Cheaper Way to Make High-Performance Lithium-Ion Batteries A new breakthrough in battery chemistry could eliminate the use of cobalt and nickel in lithium-ion batteries.

Reno, Nev., June 30, 2025 -- American Battery Technology Company (NASDAQ: ABAT), an integrated



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critical battery materials company commercializing both the development of primary ...

This initiative is part of the £2.5 billion DRIVE35 programme supporting UK EV manufacturing supply chain and creating jobs in a sustainable industry. Clean tech innovator Mint Innovation ...

Kalmar has introduced its second-generation lithium-ion (Li-ion) battery solution for its range of electrically powered counter balanced equipment: reachstackers, empty container handlers ...



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