

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 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 ...

MASSIMO unveils the MileMax Lithium-ion E-rickshaw Battery, boasting long battery life and zero maintenance. The launch signifies a commitment to sustainable mobility with smart ...

The four projects, three of which would utilize lithium-ion battery technology, and one lithium-iron-phosphate technology had a combined capacity of 360 MW/1 440 MWh. Minister Mantashe however mentioned that ...

Researchers have found a new, scalable method to recycle lithium-ion batteries that tackles two major challenges: the growing volume of battery waste and global demand for critical materials used in electric vehicles and other clean energy ...

Reno, Nev., June 30, 2025 -- American Battery Technology Company (NASDAQ: ABAT), an integrated critical battery materials company commercializing both the development of primary ...

The company has already successfully demonstrated its critical mineral processing technologies at pilot scale and manufactured battery-grade lithium hydroxide from claystone collected from ...

Utilise regional frameworks like AfCFTA to harmonise policies, lower trade barriers, and attract regional investment in lithium-ion battery production--partner with international institutions to ...

Exide Industries is strategically positioning itself for growth in energy storage by focusing on both lead-acid and lithium-ion batteries, with significant investments in innovation and ...

Redwood says that it receives over 20GWh of batteries annually, representing about 90% of all lithium-ion batteries and battery materials recycled in North America, equivalent to 250,000 ...

In a major step forward for sustainable energy technology, researchers at Worcester Polytechnic Institute (WPI), led by Professor Yan Wang, William B. Smith Professor of Mechanical and ...

Key policy opportunities for these countries lie in building domestic green mineral value chains, particularly in lithium-ion battery production, green manufacturing (including agro-processing) and hydrogen



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technologies, while also ...

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 ...

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 ...

The lithium battery industry is changing quickly. To stay competitive in 2025, distributors need to be on top of new lithium battery technologies. From fresh innovations to shifts in regulations, ...



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