

China's lithium-ion battery industry logged rapid growth in the first half of 2022 as the country stepped up efforts to achieve its carbon peak and carbon neutrality goals, and the ...

Researchers have developed a new, scalable process for recycling lithium-ion batteries which recycles critical metals from spent battery cathodes into new, high-performance cathode ...

Aceleron Energy Funding: \$10.6M Aceleron is using new battery technology to create the World's first recyclable, upgradeable and serviceable lithium-ion batteries to drive the global circular economy.

Graphene batteries and lithium-ion batteries are two of the most talked-about technologies in the energy storage industry. Both have their own unique properties and advantages, but which one is better? In this article, I will ...

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 ...

On July 1, 2025, Volvo Group finalized the acquisition of NOVO Energy AB's Gothenburg battery cell lab and research team, integrating advanced chemistry and materials R& D to strengthen ...

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 ...

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 ...

The battery industry moves at a fast pace: The articles Battery Technology publishes represent only a fraction of what's happening in this quickly evolving industry. That's the idea behind this curated and regularly updated ...

China's industrial regulator plans to launch a major document to guide the production capacity of lithium-ion batteries, which industry experts said will knock out a batch of low-end ...

The regulated alternator is equipped with an external regulator that controls the output voltage of the alternator. On the other hand, a lithium battery is a type of rechargeable battery that uses lithium ions to store

and release ...

Amita Technology, a local Thai company and the first lithium-ion battery gigafactory in ASEAN, is committed to completing Thailand's electric vehicle (EV) ecosystem by developing battery manufacturing from upstream to ...

Detailed info and reviews on 19 top Lithium Ion Battery companies and startups in California in 2025. Get the latest updates on their products, jobs, funding, investors, founders ...

Kalmar has unveiled its second-generation lithium-ion (Li-ion) battery solution designed for its range of electrically powered counterbalanced equipment, including reachstackers, empty ...

Advancements in battery technology and supportive policies help reduce emissions and promote energy efficiency, significantly impacting global EV adoption. This paper explores the material ...

Pol's team earned a Guinness World Record for the "lowest temperature to charge a lithium-ion battery" by demonstrating reliable operation at -100°C. Traditional lithium-ion batteries face ...

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 ...



Porto novo lithium-ion battery technology

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