

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 ...

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.

The certification reinforces SriLankan Cargo's credibility with shippers and logistics partners by assuring them of compliant, efficient handling of lithium and sodium-ion battery ...

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 ...

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 ...

JAKARTA: A lithium-ion battery plant by an Indonesian company and China's CATL is expected to be in operation by the end of 2026 with an initial capacity of 6.9 gigawatt hours, an Indonesian ...

This report provides an in-depth analysis of the lithium battery market in Sri Lanka. Within it, you will discover the latest data on market trends and opportunities by country, consumption, production and price ...

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, ...

Potassium-ion batteries store more energy than sodium-ion options, making them ideal for large-scale green energy storage, according to a summary of recent research at Dongguk University ...

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

This video examines a significant breakthrough in battery technology by Amprius, a company that has innovated the traditional lithium-ion battery, which has remained unchanged for 30 years. By ...

Trinity Global Pvt Ltd, a rising force in Sri Lanka's electric mobility sector, launched its much-anticipated electric two-wheeler lineup at a vibrant ceremony held at Canelra Hall, Kadawatha, on Thursday (24). The company unveiled its ...



Sri lanka lithium-ion battery technology

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 ...

The company is working on developing an electric car with top speed of 240 kmph and which can reach 0-60 mph in 3.6 sec. The company rolled out the first prototype in April 2015. The company also develops Li-ion ...

SriLankan Cargo, the air freight arm of SriLankan Airlines, has become South Asia's first airline cargo division to secure the prestigious CEIV Lithium Batteries Certification ...

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 ...

There are 15 Electric Vehicles startups in Sri Lanka which include ChargeNET, Sling Mobility, Vega, Rhoda, LRS Car Hires. Out of these, 1 startup is funded and has achieved Unicorn status. Notably, several of these startups ...

A 48V lithium ion battery 200Ah is a powerful, high-capacity battery designed for demanding applications like solar, electric vehicles, and industrial uses. It offers long lifespan, fast ...



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