

The global market for Lithium-ion Batteries (LIBs) Electrolyte Additives is experiencing robust growth, driven by the burgeoning demand for electric vehicles (EVs), energy storage systems ...

There were 678 fires linked to lithium-ion batteries over the past five years from 2020 to 2024, according to the National Fire Agency on Tuesday. The annual number rose from 98 cases in ...

With the growing demand for lithium-ion batteries (LIBs) and the rising cost of lithium (Li) resources, potassium-ion batteries (KIBs) have emerged as promising alternatives due to their ...

The automotive industry's growth, particularly in geographies such as China, Europe, and North America, significantly contributes majorly for the growth of lithium ion battery market. The surge in electric vehicle production, ...

A team of McGill University researchers, working with colleagues in the United States and South Korea, has developed a new way to make high-performance lithium-ion battery materials that ...

A key marketing highlight is the battery's exceptional performance in cold weather, surpassing that of existing lithium-ion technologies, including Korea's nickel cobalt manganese products ...

"The Lithium Ion Battery Electrolyte market in the Energy and Power segment is set to reach USD 12.37 billion by 2031, growing at a CAGR of 7.5% from 2025. It is expected to hit USD 6.85...

The global lithium-ion secondary battery market is experiencing robust growth, driven by the burgeoning demand for electric vehicles (EVs), energy storage systems (ESS), and portable ...

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 ...

With the rapid increase in the use of personal mobility devices such as electric scooters and e-bikes, which rely on lithium-ion batteries, the number of related fires is also on the rise.

The court found that Sunwoda's prismatic battery, used in the all-electric Dacia Spring vehicle, infringed on LGES' core lithium-ion battery technology, specifically its patented electrode and ...

The future of EVs can be marked by refined lithium-ion battery systems. The newer silicon-enhanced, lithium-enhanced batteries do pose a challenge to the entire concept of the EV, but ...



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As the global transition toward sustainable transportation accelerates, the Electric Vehicle Battery Market has emerged as a cornerstone of innovation and investment. In 2025, the competition ...

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In June 2024, a fire at a factory run by Aricell, a South Korean lithium battery manufacturer, killed 23 workers from China, Laos and South Korea, including ethnic Koreans from China. Reuters says over half of the 103 ...

The global market for lithium-ion battery ceramic coated separators is experiencing robust growth, driven by the increasing demand for electric vehicles (EVs), energy storage systems (ESS), and portable electronic devices. The ...

The lithium-ion battery chemicals market is experiencing robust growth, driven by the burgeoning electric vehicle (EV) sector and the increasing demand for energy storage solutions in various ...

The lithium-ion battery conductive agent market is experiencing robust growth, projected to reach \$1161 million in 2025 and maintain a Compound Annual Growth Rate (CAGR) of 10.8% from 2025 to 2033. This expansion is driven by ...

It uses ternary lithium-ion batteries from South Korea's LG Energy Solution. The Model 3 currently offers three variants in China: the entry-level rear-wheel-drive version, the long-range all-wheel-drive version, and the all-wheel-drive ...

The risk of lithium-ion battery fires on aircraft is on the rise, with vapes, power banks, and laptops identified as the main culprits. The FAA has reported a sharp rise in incidents, with some ...

A research team in South Korea has developed a breakthrough transfer printing technology that forms protective thin layers on lithium metal surfaces--an innovation poised to solve the long-standing dendrite issue plaguing next ...



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