

This special session aims to bring together researchers, academicians, and industry professionals to explore cutting-edge developments in the control of power electronics converters for smart ...

China has imposed export restrictions on eight key EV battery technologies as the country seeks to consolidate its dominance in the global EV race. The move makes it harder for Chinese ...

The International Energy Agency (IEA) recently released a report highlighting significant shifts in the electric vehicle (EV) battery market, including falling battery prices, the rising adoption of ...

Even as the United States lifts restrictions on advanced AI chips, the PRC is tightening export restrictions on technologies critical for producing electric vehicle batteries. This move will ...

American Battery Technology Co: Pioneering Clean Energy Solutions American Battery Technology Co is a key player in the field of lithium-ion battery recycling and battery metals production. The company is dedicated to advancing clean ...

The new generation of battery technology is central to China's success in building electric cars that are considerably cheaper than electric and gasoline-powered cars made in other countries.

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 ...

To achieve better and longer lasting batteries for electric vehicles, EU-funded researchers are developing technology that enables batteries to quickly detect damage and repair themselves.

Apart from proposing to tighten export restrictions on battery cathode material preparative technology, China plans to enhance export curbs on specific technologies and processes used for extracting metallic gallium and lithium, ...

Italtvolt is Italy's first large-scale battery manufacturer, launching a 45 GWh facility in Scarmagno by 2025. Specializing in NMC lithium-ion cells for EVs and energy storage, it utilizes XFC and solid-state technologies, supporting sustainable ...

Panasonic unveils its new Kansas EV battery factory, boosting production with 32 GWh capacity plans. North America's largest advanced battery trade show and conference brings together engineers, business leaders, top ...



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