

What is a low-altitude economy?

The low-altitude economy was defined as a strategic emerging industry at the country's annual central economic work conference in 2023 and written into this year's government work report as a new growth engine. Relevant departments and localities have been implementing corresponding policies and plans.

What role will emerging industries play in the low-altitude economy?

As the low-altitude economy integrates a wide range of industries and application scenarios, observers noted that the emerging industry will play a vital role in shoring up the country's economic development, buoyed by technological innovation, continuous industrial upgrading and new opportunities.

How can China boost the low-altitude economy?

Chinese enterprises, industry associations and localities are moving to boost the low-altitude economy through a wide range of measures amid the sector's rapid expansion.

Why is the low-altitude economy attracting diverse entities?

The expanding investment in the low-altitude economy demonstrates the sector's market vitality in attracting diverse entities.

Can China drive up low-altitude industry development?

Since the low-altitude economy is a relatively emerging industry, China's efforts in driving up the industry's development will have a guiding effect globally, Zhang Yi, CEO of the iiMedia Research Institute, told the Global Times on Sunday.

To make cars fly to the sky, low-altitude economy needs lithium batteries with high energy density, fast charging performance, lightweight design, high temperature tolerance ...

Yao Meijiao, reporter of this newspaper, "China Energy News" (11th edition on June 10, 2024) Major power battery manufacturers are actively opening up application ...

One of the most noticeable effects on the loss of performance and capacity of thermal systems is caused by the effect of altitude, which causes the density of a compressible fluid and the ...

Technological innovations continue to shape the landscape of low altitude economic batteries, with manufacturers focusing on developing lithium-sulfur, solid-state, and hybrid battery ...

Lithium-ion batteries have been used in high-altitude areas and airports in China, and therefore it is urgent to investigate their cycle performance and aging mechanism in high-altitude and low ...

The surge in low-altitude economy, thus driving the growth in demand for lithium batteries, is ...

Yao Meijiao, reporter of this newspaper, "China Energy News" (11th edition ...

Farasis Energy, a Chinese battery cell manufacturer, has delivered ternary lithium soft-pack batteries for electric airplane makers. The power batteries have a maximum ...

China's major southern city of Guangzhou unveiled its action plan on May 31 to boost the development of the so-called "low-altitude economy," vowing to become China's first city to commercialize aircraft for passenger ...

As the energy density of current lithium-ion batteries is approaching its limit, developing new battery technologies beyond lithium-ion chemistry is significant for next-generation high energy ...

The low-altitude economy is a comprehensive economic form driven by various low-altitude flight activities of various manned and unmanned aircraft, radiating and driving the ...

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eVTOL uses batteries to provide energy for the power system and onboard systems. Battery performance is a key factor restricting the development of eVTOL. At ...

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With the popularity of the concept of "low-altitude economy", the power source of lithium ...

Industry insiders even view the low-altitude economy as a "testing ground" for solid-state batteries. Solid-state batteries can address the current issues of low energy density ...

The domestic low-altitude economic industrial chain is also constantly ...

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