



# Judian New Energy International Energy Storage

What is Judian new energy?

In March 2018, Judian New Energy made its debut. The first phase of the large-capacity solid polymer power lithium battery project invested by it was officially put into operation, with an annual output of 200 million. A power lithium battery can be equipped with more than 2,000 pure electric buses.

Is Jiangxi Judian a solid-state battery company?

(Rendering of Jiangxi Judian's solid-state battery facility. Image credit: Shenzhen Fuxin) While the landscape of the traditional lithium battery industry is largely set, younger companies are betting on new solid-state battery technologies.

Where is Jiangxi Judian EV battery factory located?

Chinese manufacturer Jiangxi Judian New Energy Technology said it started construction this week of a new factory for solid state lithium batteries for electric vehicles (EVs) in Ganzhou, Jiangxi province.

Who owns Jiangxi Judian?

Jiangxi Judian's controlling shareholder, Shenzhen Fuxin Industrial Technology Co Ltd, revealed the development in an August 8 announcement, saying the project will have a total investment of RMB 10 billion (\$1.3 billion) and will produce solid-state battery cells, pack systems, and energy storage systems.

Where is a new solid-state battery factory being built?

A new solid-state battery factory is being built in China. Jiangxi Judian New Energy Technology, a battery manufacturer little known in the West, has announced the start of construction of a plant in Ganzhou in China's Jiangxi province.

How many GWh will Judian's batteries produce a year?

Construction will take place in two phases. For the first phase, an annual capacity of 4 GWh is planned - 2 GWh each for cells and packs. There is no information on the timetable so far. Technical details about Judian's solid-state batteries are also not yet known.

Jiangxi Zhengtuo New Energy Technology Co., Ltd. was founded in March 2008, with a registered capital of 81.45 million yuan. It is a state-level high-tech enterprise that integrates the research and development, production and sale of graphite anode materials for lithium batteries, Jiangxi Li-ion battery anode materials engineering technology research center, provincial enterprise ...

The company plans to invest in the construction of a large-scale manufacturing base for large-capacity, solid-state polymer power lithium batteries with an annual output of 3.2 billion Wh in ...



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The "SNEC ES+ 9th (2024) International Energy Storage & Battery Technology and Equipment Conference" is themed "Building a New Energy Storage Industry Chain to Empower the New Generation of Power Systems and Smart Grids".

A lesser-known company, Jiangxi Judian New Energy Technology Co Ltd, started work on August 8 on a 10 GWh annual capacity solid-state lithium battery project in Ganzhou, Jiangxi. ... (\$1.3 billion) and will produce solid-state battery cells, pack systems, and energy storage systems. The project will be divided into two phases, with a total ...

The Journal of Energy Storage focusses on all aspects of energy storage, in particular systems integration, electric grid integration, modelling and analysis, novel energy storage technologies, sizing and management strategies, business models for operation of storage systems and energy storage ... View full aims & scope \$

Energy storage research is inherently interdisciplinary, bridging the gap between engineering, materials and chemical science and engineering, economics, policy and regulatory studies, and grid applications in either a regulated or market environment.

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The UK is a step closer to energy independence as the government launches a new scheme to help build energy storage infrastructure. This could see the first significant long duration energy ...

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Long-duration energy storage (LDES) is a key resource in enabling zero-emissions electricity grids but its role within different types of grids is not well understood. Using the Switch capacity ...

Shenzhen Fuxin, founded in 2019, is a supplier of energy storage systems and indirectly holds Jiangxi Judian. Currently, new energy vehicles (NEVs) mainly use liquid lithium batteries, but energy density is approaching its limit, and solid-state batteries are seen as a new technology capable of achieving higher energy density.

In a noteworthy stride towards advancing battery technologies, Jiangxi Judian New Energy Technology Co Ltd, a relatively lesser-known entity, marked a significant ...

The "SNEC ES+ 10th (2025) International Energy Storage & Battery Technology and Equipment (Shanghai) Exhibition" brings together leading domestic and international brands in energy storage technology and equipment. ... The conference focuses on new energy storage technologies and applications

(such as solid-state batteries, sodium-ion batteries ...

A wide array of different types of energy storage options are available for use in the energy sector and more are emerging as the technology becomes a key component in the energy systems of the future worldwide. ...

SNEC 9th (2024) International Energy Storage Technology, Equipment and Application Conference & Exhibition. 25-27 September, 2024. Shanghai New Int'l Expo Center (2345 Longyang Road, Pudong District, Shanghai, China) The conference and exhibition theme will focus on promoting the development of new energy storage and green, low-carbon ...

Battery electricity storage is a key technology in the world's transition to a sustainable energy system. Battery systems can support a wide range of services needed for the transition, from providing frequency response, reserve capacity, black-start capability and other grid services, to storing power in electric vehicles, upgrading mini-grids and supporting "self-consumption" of ...

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The South China Morning Post reported on Friday that Jiangxi Judian New Energy Technology plans to invest a total of 10 billion yuan (\$1.39 billion) to build production plants to produce solid-state lithium batteries that power EVs in Ganzhou of eastern China, "joining a host of suppliers who are threatening to further flood a market that is already facing ...

Jiangxi Judian's controlling shareholder, Shenzhen Fuxin Industrial Technology Co Ltd, revealed the development in an August 8 announcement, saying the project will have a total investment of RMB 10 ...

The use of battery energy storage in power systems is increasing. But while approximately 192GW of solar and 75GW of wind were installed globally in 2022, only 16GW/35GWh (gigawatt hours) of new storage systems were deployed. To meet our Net Zero ambitions of 2050, annual additions of grid-scale battery energy storage globally must rise to ...

Europe and China are leading the installation of new pumped storage capacity - fuelled by the motion of water. Batteries are now being built at grid-scale in countries including the US, Australia and Germany. Thermal energy storage is predicted to triple in size by 2030. Mechanical energy storage harnesses motion or gravity to store electricity.

Grid-scale storage plays an important role in the Net Zero Emissions by 2050 Scenario, providing important system services that range from short-term balancing and operating reserves, ancillary services for grid stability and deferral of investment in new transmission and distribution lines, to long-term energy storage and restoring grid operations following a blackout.



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ES Shanghai 2024 is a specialized event for New Energy & Energy Storage industry. Visit 2024 show on Dec 5-7 at Shanghai New Int'l Expo Centre. ... Services Ltd and fully supported by all major Power Group Corporations and Power Grid Corporations, 2024 Shanghai International Energy Storage Technology Application Expo (ES Shanghai 2024) stands ...

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