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Title: The first sodium-ion battery energy storage

Generated on: 2026-07-01 12:24:09

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Leading global battery maker CATL and Changan Automobile unveiled the world's first passenger EV powered by a sodium-ion battery on...

Suited for stationary energy storage applications Sodium-ion batteries are poised to replace lead-acid cells in combustion engines and support stationary energy storage, where safety and cost ...

GS-1.1 is the first commercially available sodium-ion battery energy storage system built for grid-scale deployment. Powered by NFPP chemistry, it operates without active cooling- a global first at scale. ...

CATL, the Chinese battery manufacturer and global leader in energy storage, has officially launched Naxtra, the world's first sodium-ion battery for electric vehicles to reach mass ...

Storing clean energy generated by solar and wind has long been a challenge. Sodium-ion batteries, with their low cost, enhanced thermal stability, and long cycle life, are an attractive...

China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy Storage Station in Wenshan, Yunnan province -- a national pilot project and the first ...

China unveils world's first sodium-ion battery-powered EV with 248-mile range CATL says the battery delivers triple LFP power at -30°C, keeps over 90% range at -40°C, and stays stable ...

It's the beginning of a "dual chemistry era" as sodium-ion batteries have overcome all hurdles to enter mass production.

While some applications like energy storage have switched to LFP, until now sodium-ion batteries have not been produced at the same volume levels. The question is, why?



The first sodium-ion battery energy storage

Increases in the energy density of sodium-ion batteries means they are now suitable for stationary energy storage and low-performance electric vehicles. The abundance of raw material for making ...

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