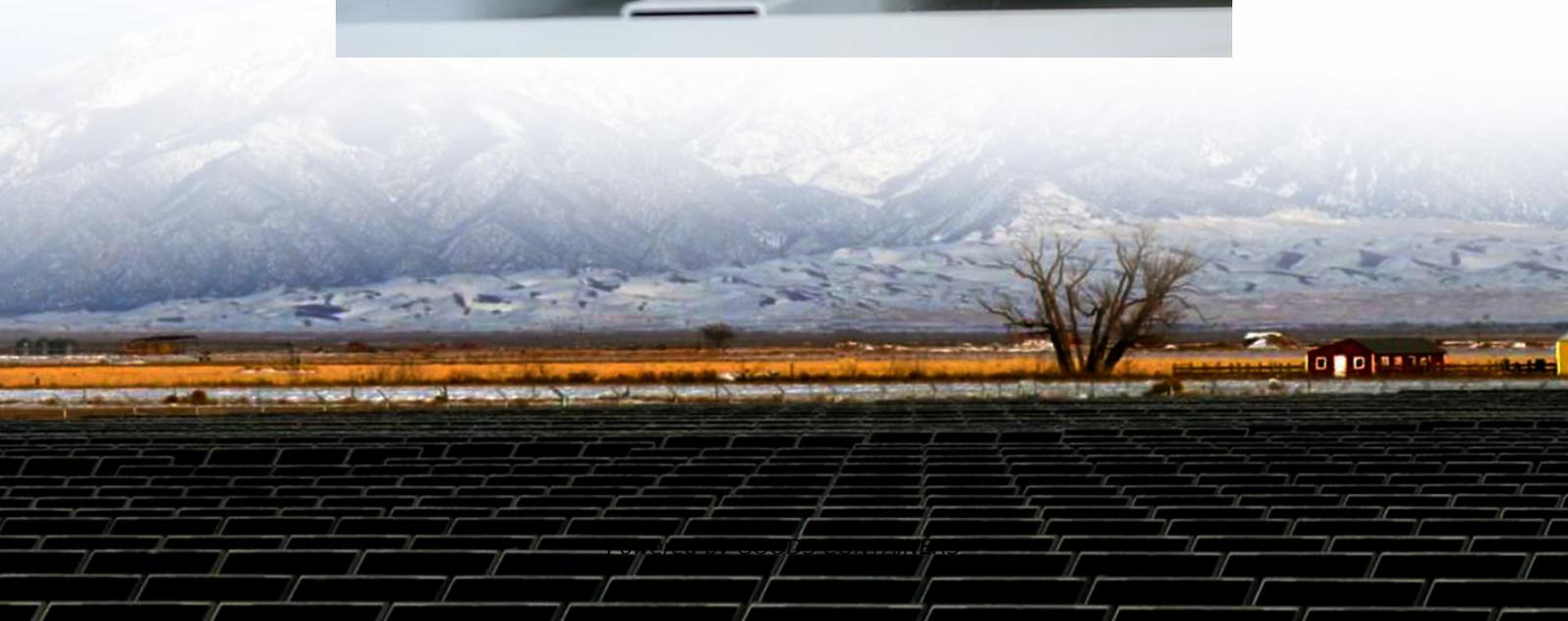


Is Huawei s energy storage project a sodium battery





Overview

What is Huawei's new patent for sodium-ion batteries?

On November 22, China's Huawei announced a new patent for sodium-ion batteries named "Electrolyte Additives and Preparation Methods, Electrolytes and Sodium-ion Batteries."

Does Huawei make power batteries?

While Huawei does not manufacture power batteries, it has shown increasing interest in upstream battery materials. Earlier in 2025, the company filed a separate patent on the synthesis of sulfide electrolytes — a key material known for its high conductivity but also high cost, sometimes exceeding the price of gold.

Why is Huawei developing a solid-state battery?

Huawei's design aims to boost safety and cycle life by mitigating degradation at this critical junction. Huawei's involvement in solid-state battery research reflects a broader trend among Chinese technology and automotive companies. While Huawei does not manufacture power batteries, it has shown increasing interest in upstream battery materials.

Are BYD & Huawei the future of energy storage?

BYD and Huawei are not far behind. Both firms are heavily investing in sodium-ion technology improvements. They recognize the importance of developing efficient, cost-effective alternatives to Lithium-ion batteries. Thus, their R&D efforts are promising for the future energy storage landscape. Sodium-ion technology offers numerous benefits.



Is Huawei's energy storage project a sodium battery



Huawei's Innovation Electrolyte Additive Patent Boosts Sodium ...

Summary On November 22, 2024, Huawei announced a patent for battery materials, "Electrolyte Additives and Their Preparation Methods, Electrolytes, and Sodium-ion Batteries", marking an ...

[Huawei's 3,000km solid-state battery patent with 5-minute ...](#)

Jun 18, 2025 · Huawei has stepped up its ambitions in advanced energy storage with a patent for a sulfide-based solid-state battery that offers driving ranges of up to 3,000 kilometres and ultra ...



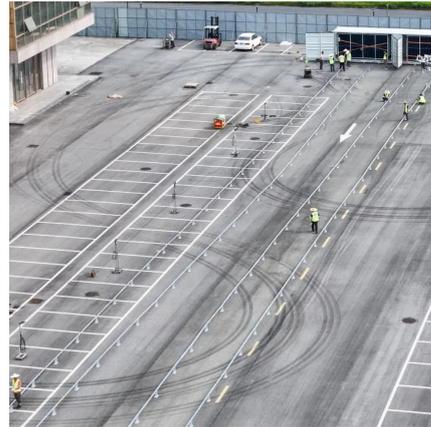
[Scientists create new solid-state sodium-ion battery -- they ...](#)

2 days ago · A new sodium-ion battery offers a cheaper and safer alternative to conventional lithium-ion systems, scientists say, paving the way for more sustainable EVs.



[World's Largest Sodium-ion Battery Energy Storage Project ...](#)

Jul 1, 2024 · The energy storage project includes 42 energy storage warehouses and 21 machines integrating energy boosters and converters, using large-capacity sodium-ion ...



[How is Huawei's energy storage project progressing?](#)

Jan 21, 2024 · 1. Huawei's energy storage project is advancing significantly, with distinct milestones achieved in 2023, expanding its global influence in renewable energy solutions, ...



Huawei has been quietly developing batteries, investing in sodium

The world's largest energy storage order Huawei has received is a 1,300MWh energy storage project in the Saudi Arabian Red Sea. What does this mean? 1MWh = 1,000kWh, which is ...



[Advancements in Sodium-Ion Batteries by CATL, BYD & Huawei](#)

Dec 3, 2024 · The introduction of advanced sodium-ion batteries by CATL, BYD, and Huawei could have significant global market implications. As these companies gear up for production, ...





['World's largest' sodium-ion battery energy storage project ...](#)

Jul 2, 2024 · The energy storage station can store 100,000 kWh of electricity on a single charge, which can meet the needs of around 12,000 households for a day. (A 100 MWh-scale energy ...



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