

Huawei semi-solid-state battery energy storage products





Overview

Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series. What is Huawei sulfide-based solid-state battery technology?

Huawei is set to make a significant advancement in energy storage with its latest development in solid-state battery technology. The tech giant has recently unveiled a patent for a sulfide-based solid electrolyte, a crucial component for next-generation lithium-ion batteries.

Does Huawei have a sulfide battery?

Huawei has intensified its ambitions in advanced energy storage by patenting a sulfide-based solid-state battery capable of achieving driving ranges of up to 3,000 kilometres and ultra-fast charging in just five minutes.

Why is Huawei pursuing solid-state battery development?

By pursuing solid-state battery development, Huawei joins a growing list of global automakers and tech companies such as BMW, Mercedes-Benz, Volkswagen, and BYD, all racing to unlock safer, lighter, and faster-charging batteries to transform the future of electric mobility.

What is Huawei's new patent on sulfide solid-state batteries?

(Via) Huawei's new patent on sulfide solid-state batteries addresses liquid battery degradation, promising high energy density, safety, long life, and stability for EVs and storage.



Huawei semi-solid-state battery energy storage products



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Mar 24, 2025 · In this article, we'll compare between solid state battery vs semi solid state battery their structure, performance, safety, and ...



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Jun 24, 2025 · Taking the battery-making industry by surprise, the fresh filing is for a solid-state style battery delivers an energy density of between 400 ...



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Huawei's new 3,000 km solid-state battery patent matters a lot

Jun 19, 2025 · Huawei is on course to release a dry solid state battery with energy density between 400 and 500 Wh/kg, with a full recharge in 5 min



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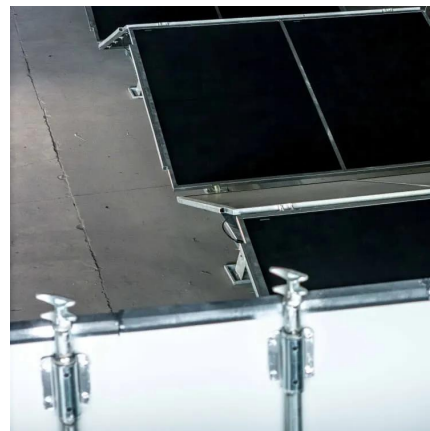


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[Huawei's Solid-State Battery Patent: 5-Min Charge](#)

Jul 3, 2025 · The energy density of Huawei 's solid-state battery is estimated to be between 400-500 Wh/kg, which aligns with industry standards but faces challenges for large-scale production.



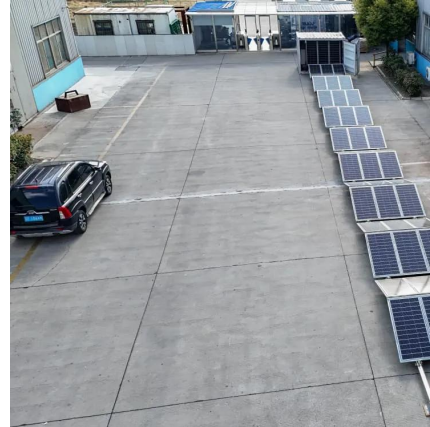
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Jun 18, 2025 · Huawei's patent for a sulfide-based solid-state battery with a 3,000km range could reshape electric mobility, and pose a big challenge to other EV makers.

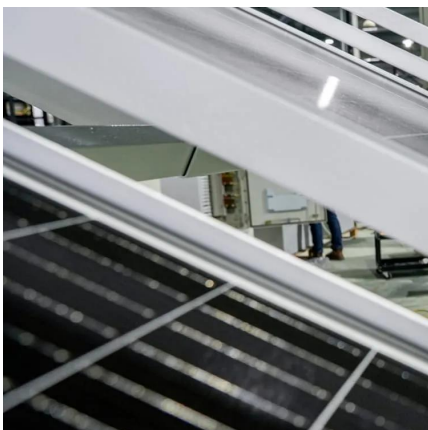


China's tech giant claims 1,800-mile range for solid-state EV battery

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[Huawei Patents EV Battery Offering 3,000 km Range](#)

Jul 16, 2025 · Huawei has filed a patent for solid-state EV battery that claims to offer an unprecedented driving range of over 3,000 kilometres



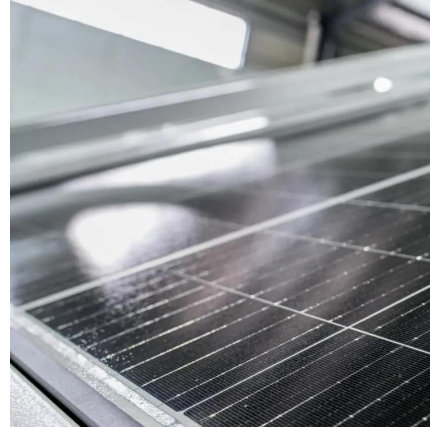
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Jul 22, 2024 · The world's first batch of grid-forming energy storage plants has passed grid-connection tests in China, a crucial step in integrating ...



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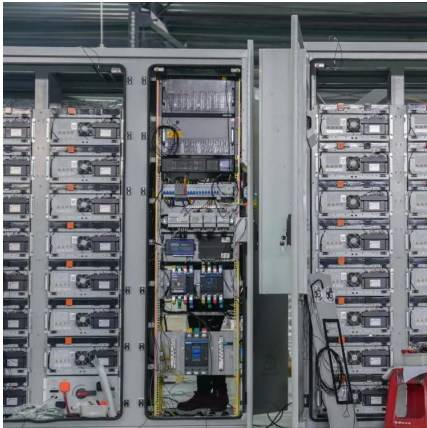
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CAPMEGA Capmega is the solution of containerized energy storage system, and the complete system includes BESS (usually enerbond uses solid ...



[What Is a Semi Solid State Battery? Key Facts ...](#)

Apr 10, 2025 · Semi-solid-state batteries combine safety and high energy density, making them ideal for EVs, electronics, and future energy storage.

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