

Huawei Dakar new liquid flow battery brand





Overview

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.

Is Huawei launching a solid-state battery?

Solid-state battery efforts might gain a significant boost from technology giant Huawei. The company patented a solid-state battery with an energy density between 400 Wh/kg and 500 Wh/kg. The battery uses a sulfide-based electrolyte and a lithium-metal anode, promising better ionic conductivity compared to other solid-state battery cells.

How much does a Huawei battery cost?

Furthermore, the high production costs, which are currently between 8,000 and 10,000 yuan per kWh (about 1,100–1,400 USD), often prevent mass-market adoption. Huawei patents solid-state battery with 3,000 km range and 5-minute charge, promising breakthrough energy density and fast charging.

Will Huawei's new battery improve energy storage?

In an effort to improve its energy storage, Huawei has submitted a patent application for a battery with a 3,000-kilometre range and a five-minute charging time. Compared to traditional lithium-ion cells, the new sulphide-based solid-state battery will have energy densities between 400 and 500 Wh/kg, or two to three times higher.



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Liquid flow energy storage, targeted by Huawei, has emerged as a new

In addition, the 100-megawatt liquid flow battery technology has been included in the "14th Five-Year Plan" new energy storage core technology equipment research and development key

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Huawei Patents An EV Battery Pack With 3,000km Range

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Huawei Announces 3,000-km Sulfide-Based Solid-State Battery...

Jul 1, 2025 · Huawei patented a sulfide-based solid-state battery that promises up to 3,000 km of range, but rough calculations show this is almost impossible

Huawei Solid-State Battery: 5-Min Charge, 3,000 km range

Jul 3, 2025 · Huawei patents solid-state battery with 3,000 km range and 5-minute charge, promising breakthrough energy density and fast charging.

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

Jun 19, 2025 · Traditional "wet" solid-state cells still suspend ceramic or sulfide particles in a gel electrolyte. Dry designs press a thin, fully dense solid electrolyte directly against a lithium ...

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Huawei's huge battery breakthrough! New ...

Jun 24, 2025 · Smartphone giant and EV investor Huawei has challenged CATL and BYD's supremacy by inventing a pioneering new battery that ...



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(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.

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