

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.

Will Huawei's EV battery be commercialized?

If commercialized, this would place Huawei's battery technology well ahead of existing offerings in the EV market. The company claims the battery can deliver a full 0-100% charge within five minutes, offering a seamless and fast-charging experience for future EVs. However, industry experts remain cautiously optimistic.

How many miles can a Huawei battery charge?

Huawei promises that its battery technology could deliver around 1,864 miles of range and achieve a 10% to 80% charge in under five minutes.

How far can a Huawei EV go?

Huawei said its battery can enable driving ranges of over 1,800 miles (3,000 km), with ultra-fast charging in just five minutes. I get it that such claims might be required to even get noticed in China, where every other company makes similar promises. However, what Huawei promises can't possibly be achieved with current EV technology.

How much energy does a Huawei EV use?

The Chinese company claims an energy density of over 500 Wh/kg, which should power an EV for up to 1,860 miles (3,000 km). However, the numbers don't add up, raising questions about Huawei's seriousness. Solid-state batteries (SSB) get closer to reality as more companies intensify efforts to start production.

What is Huawei's solid-state battery patent?

Huawei's solid-state battery patent comes at a time when global automakers and battery manufacturers such as Toyota, CATL, and Samsung are racing to achieve similar breakthroughs, with commercial rollout of solid-state batteries expected within the next 2-5 years.

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

Jul 16, 2025 Chinese tech giant Huawei has filed a patent for a next-generation solid-state electric vehicle (EV) battery that claims to offer an ?

Dec 2, 2024 On November 30, GAC and Huawei held a signing ceremony to jointly create a new high-end smart new energy vehicle brand in ?

Jul 2, 2025 Vehicle Tech Hybrid & Electric Vehicles Huawei says its new solid-state EV battery can give you 1,800 miles of range and charge in ?

May 11, 2024 As a cornerstone of SaudiVision2030, the Red Sea project stands as the world's largest microgrid energy storage project, with a ?

May 11, 2022 Huawei today announced all-new smart photovoltaic (PV) and energy storage solutions at Intersolar Europe 2022. The intelligent solutions enable a low-carbon smart ?

Jul 5, 2025 China's tech giant claims 1,800-mile range for solid-state EV battery, files patent Huawei's patent application reveals that its battery uses a method of doping sulfide ?

Dec 25, 2024 According to the document, the new energy security strategy of "four revolutions and one cooperation" will be implemented, with efforts to ensure unified planning and secure ?

Jul 2, 2025 Vehicle Tech Hybrid & Electric Vehicles Huawei says its new solid-state EV battery can give you 1,800 miles of range and charge in less than 5 minutes, but we have questions

Jul 16, 2025 Chinese tech giant Huawei has filed a patent for a next-generation solid-state electric vehicle (EV) battery that claims to offer an unprecedented driving range of over 3,000 ?

Mar 27, 2024 Beyond the residential energy storage system Huawei LUNA S1, Huawei's one-fits-all residential smart PV solution establishes an all-in-one home energy management ?

Aug 11, 2025 Huawei is developing a solid-state EV battery it says can deliver 1,800 miles of range after a five-minute charge. The project appears in a 2023 patent filing, suggesting it has ?

Jun 18, 2025 The new battery architecture features an impressive energy density of 400?500 Wh/kg, up to three times higher than conventional lithium-ion batteries. To address long ?

Jul 5, 2025 China"s tech giant claims 1,800-mile range for solid-state EV battery, files patent Huawei"s patent application reveals that its battery ?

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 ?

Jun 18, 2025 The new battery architecture features an impressive energy density of 400?500 Wh/kg, up to three times higher than conventional ?

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