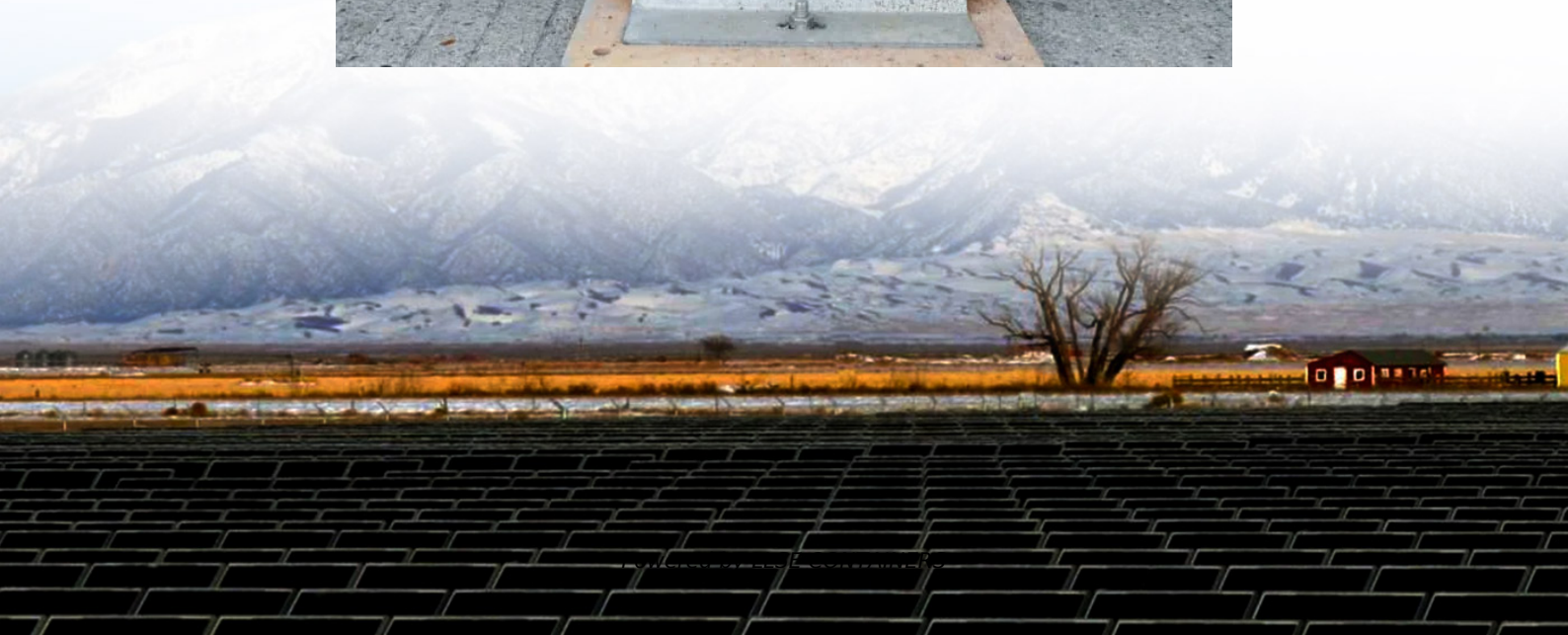


Huawei US Power Storage Vehicle





Overview

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.

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.

Could Huawei's new battery technology make EVs go further?

Huawei has developed solid-state battery tech that could make EVs go further and charge faster. Cells have triple the energy-density of li-ion ones and could theoretically give an 1,800-mile range. Chinese patent application says the new battery pack could be fully recharged in only five minutes.

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.



Huawei US Power Storage Vehicle



[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 ...

[Breakthrough EV Battery Patent Could Charge In Minutes ...](#)

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[China's tech giant claims 1,800-mile range for solid-state EV ...](#)

Jul 5, 2025 · Huawei has filed a patent detailing a sulfide-based solid-state battery design with energy densities between 180 and 225 Wh/lb, roughly two to three times higher than today's ...

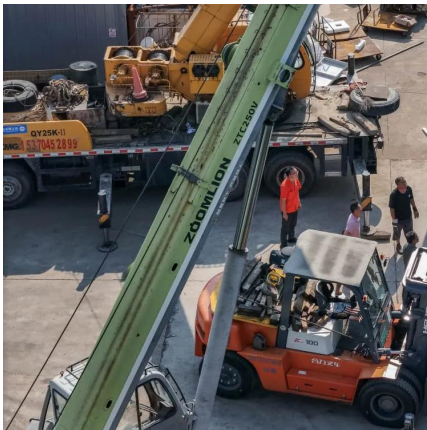
[Huawei's 3,000km Battery Patent Jolts Global EV Industry](#)

Jun 18, 2025 · Contents Huawei has intensified its push into advanced energy storage by filing a patent for a sulfide-based solid-state battery. This battery promises a 3,000km driving range ...



[Huawei Patents 5-Minute Charge, 3000km Solid-State EV ...](#)

Jul 3, 2025 · Chinese telecom giant Huawei has filed a patent for a sulfide-based solid-state battery that claims to deliver a driving range of up to 3,000 kilometers.



[Huawei says its new solid-state EV battery can give you](#)

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



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

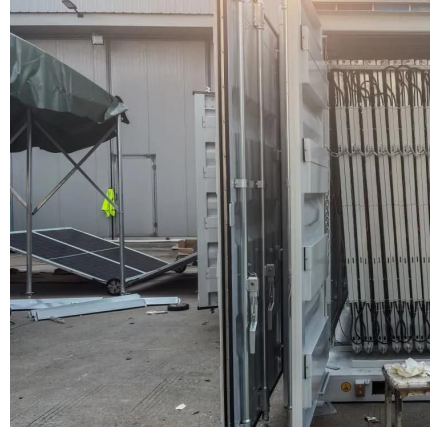
Jul 16, 2025 · Chinese tech giant Huawei has filed a patent for a next-generation solid-state electric vehicle (EV) battery that claims to offer an unprecedented driving range of over 3,000 ...





[Huawei is working on EV battery that will last for 1,800 miles ...](#)

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 ...



[Huawei Patents 3,000km Solid-State Battery with 5-Minute ...](#)

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