

Huawei small mobile solar container battery vehicle





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.

Will Huawei's 3,000 km solid-state battery patent change EV technology?

Still, Huawei's 3,000 km solid-state battery patent is an exciting development in EV technology. Its claims of high energy density and ultra-fast charging, if proven at scale, could greatly change how EVs are built, charged, and used. While challenges remain, this innovation reflects the growing pace of change in clean transport.

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.

What does Huawei's patent mean for EV battery development?

Huawei's patent focuses on a few key improvements that address common problems in solid-state battery development, including: This gives the battery a much longer driving range. Under China's CLTC test cycle, the range reaches 3,000 km. Under the stricter U.S. EPA test, it would still exceed 2,000 km, well beyond most current EV models.



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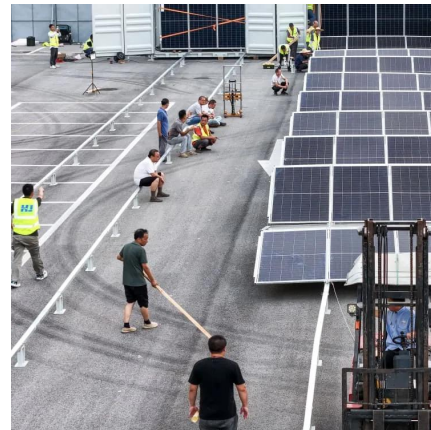


[Huawei Patents EV Battery Offering 3,000 km Range](#)

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Jul 18, 2025 · Huawei's patented solid-state battery promises 3,000 km range & 5-min charging, pushing EV limits -- but real-world hurdles remain.



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

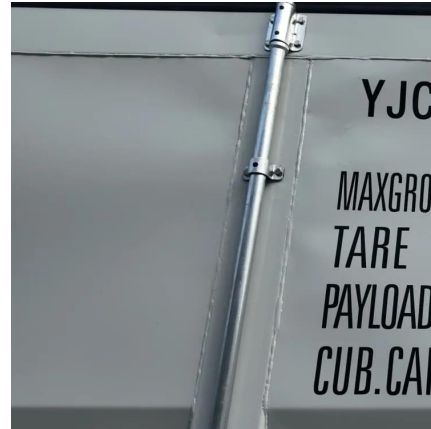
Jul 5, 2025 · China's tech giant claims 1,800-mile range for solid-state EV battery, files patent
Huawei's patent application reveals that its battery uses a method of doping sulfide ...

Huawei's 3,000km solid-state battery patent with 5-minute ...

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

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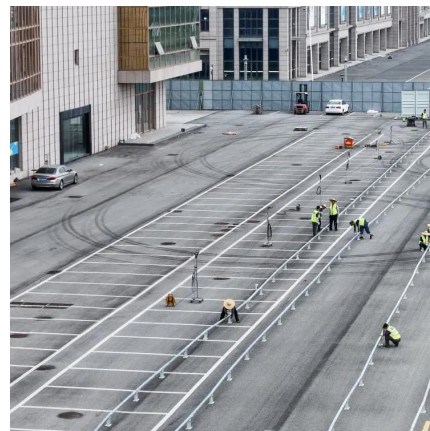


[Huawei's 3,000km, 5-minute charge battery patent just ...](#)

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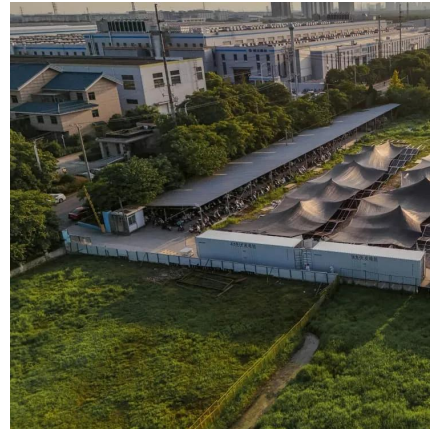
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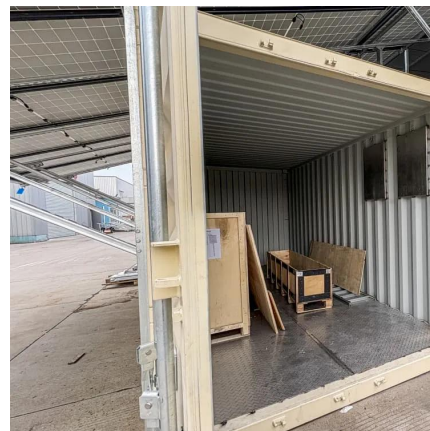


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Jul 4, 2025 · The patent, as first reported by Car News China, details a solid-state battery with an energy density between 400 and 500 watt-hours per kilogram (Wh/kg) -- significantly higher ...



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