

Huawei solid-state battery module pack





Overview

Is Huawei developing a solid-state battery?

According to the patent, Huawei is developing a solid-state battery architecture with an energy density between 400 and 500 Wh/kg—reportedly three times higher than that of conventional lithium-ion cells used in today's electric vehicles.

Does Huawei make batteries?

Even though Huawei doesn't manufacture batteries, the company is putting plenty of R&D resources into developing a new solid-state battery tech. The newest patent reveals a battery pack that can go for 1,860 miles away from the plug and fully charge in just five minutes. This is perhaps one of the craziest technologies we've heard so far.

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.

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.



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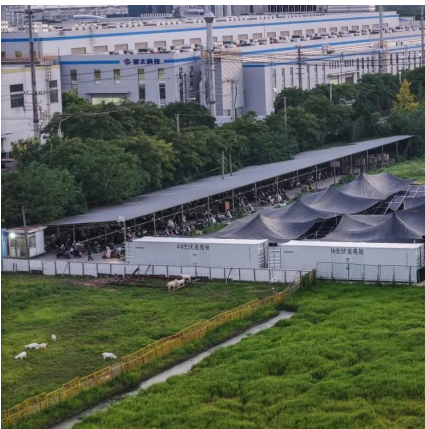
[Huawei Solid-State Battery: 5-Min Charge, ...](#)

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 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's new 3,000 km solid-state battery ...](#)

Jun 19, 2025 · Huawei's 500 Wh kg⁻¹, five-minute-charge claim lands just as multiple global OEMs lock in 2028 launch dates. Whether Huawei's ...



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