

Huawei Industrial Energy Storage Vehicle





Overview

Will Huawei's new battery revolutionise China's electric vehicle landscape?

Huawei's recent unveiling of a revolutionary solid-state battery, promising a remarkable 1,864-mile range with a mere five-minute charge, is poised to redefine the electric vehicle landscape and elevate China's standing in the global race for sustainable energy solutions.

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.

What is Huawei's new solid-state battery patent?

Huawei's recent announcement of its solid-state battery patent is a significant milestone. Filed in June 2025, this patent promises a battery capable of delivering a staggering 1,864 miles on a single five-minute charge. This advancement is attributed to an energy density between 400 and 500 Wh/kg, nearly double that of current batteries.

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.



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While both offer lithium-ion storage, Huawei's smart energy storage includes native hybrid inverter functionality and supports three-phase power systems crucial for industrial applications.

[Huawei's 3,000km solid-state battery patent with 5-minute ...](#)

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