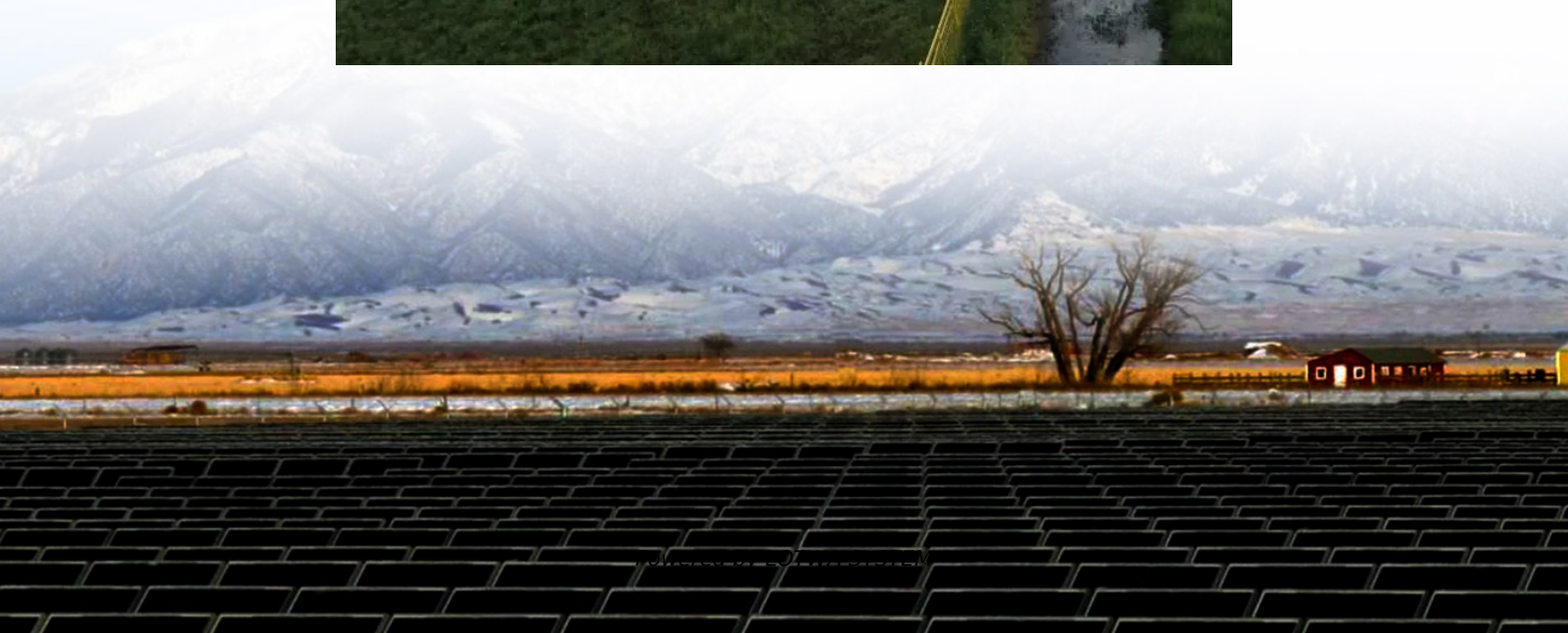


Huawei Slovenia Power Storage Vehicle





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.

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.

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 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 Slovenia Power Storage Vehicle

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 files patent for a sulfide-based solid-state battery ...

Jun 23, 2025 · Huawei has advanced its efforts in energy storage by patenting a sulfide-based solid-state battery. This innovation aims to provide a driving range of up to 3,000 km with ...

Huawei says its new solid-state EV battery can ...

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 ...

Huawei Announces 3,000-km Sulfide-Based Solid-State ...

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

Intelligent Automotive Solution 2030

Apr 30, 2022 · Bringing intelligence to every vehicle will empower intelligent driving, intelligent spaces, intelligent services, and intelligent operations in ...

Smart Renewable Energy Generator, safety ...

Jun 18, 2024 · Utility: Smart Renewable Energy Generator Solution Huawei has developed the Smart Renewable Energy Generator Solution that ...

Huawei's 3,000km Battery Patent Jolts Global ...

Jun 18, 2025 · Contents Huawei has intensified its push into advanced energy storage by filing a patent for a sulfide-based solid-state battery. ...

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 new energy storage project in Slovenia

Ushering in A New Era for Renewable Energy via After years of application and verification, Huawei has updated its energy storage products and developed key capabilities in safety, grid ...

Huawei Patents 3,000km Solid-State Battery with 5-Minute ...

Jun 19, 2025 · Huawei's 3,000km Solid-State Battery Patent with 5-Minute Charge Ignites Industry Race -- Huawei has intensified its ambitions in advanced energy storage by patenting a ...



Huawei Digital Power , Global Energy ...

Huawei Digital Power is a leading global provider of digital power products and solutions, Our business covers Smart PV, Smart Charging Network, ...

Version 2024 Intelligent Automotive Solution 2030

Sep 18, 2024 · Users are increasingly focused on intelligent and electric features, rather than the traditional mechanical aspects of a vehicle. To make great intelligent electric vehicles, ...

Huawei Patents EV Battery Offering 3,000 km ...

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 ...

Huawei Patents 5-Minute Charge, 3000km ...

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 ...

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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

Smart Renewable Energy Generator: Writing a ...

Jun 13, 2024 · By integrating digital, power electronics, thermal management, and energy storage management technologies (collectively known as 4T: ...

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Discover the power of Liquid-Cooled Ultra-Fast Charging technology, designed to deliver faster, more efficient EV Fast Charging solutions for ...

Huawei Solid-State Battery: 5-Min Charge, ...

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China's tech giant claims 1,800-mile range for ...

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 ...

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

Jul 3, 2025 · 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. In an ...



Energy Storage System Products List , HUAWEI Smart PV ...

Energy Storage System Products List covers all Smart String ESS products, including LUNA2000, STS-6000K, JUPITER-9000K, Management System and other accessories product series.

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 ...

Huawei Announces 3,000-km Sulfide-Based Solid-State Battery, Nobody

Jul 1, 2025 · Huawei patented a sulfide-based solid-state battery that promises up to 3,000 km of range, but rough calculations ...

Lithium for All solution , Huawei Digital Power

Huawei's intelligent lithium battery solutions provide dynamic peak shifting, transforming traditional backup power systems into efficient energy ...

SKE Solar: Utility ESS

With the installation of the Huawei LUNA2000-2.0MWH-2H1 in a 20' HC-container, Huawei offers the optimal large-scale storage solution. The ESS is a prefabricated all-in-one energy storage ...

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 ...

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