

Huawei pack lithium battery project





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 have a sulfide battery?

Huawei 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 typical electric vehicle batteries.

What is Huawei's big battery breakthrough?

Huawei's huge battery breakthrough! New solid state tech promises massive range and miniscule charging times Smartphone giant and EV investor Huawei has challenged CATL and BYD's supremacy by inventing a pioneering new battery that blends an incredible range of up to 3000km with a charging time of just five minutes.

Does Huawei make power batteries?

Although Huawei does not manufacture power batteries directly, its growing interest in upstream battery materials is notable. Earlier in 2025, the company submitted another patent focused on synthesizing sulfide electrolytes—a vital component known for its high conductivity but also high costs, sometimes exceeding the price of gold.

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.

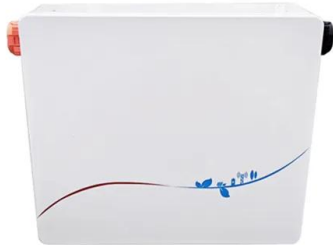
Could a new battery pack solve a major problem?



Additionally, the company claims that this new battery pack may have solved a major issue that the current battery packs have. In the filed patent, Huawei notes that by doping sulfide electrolytes with nitrogen, the company is developing a battery pack with enhanced electrochemical stability, improved safety and reduced degradation.



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[Huawei Wins World's Largest Solar-Storage Project Order](#)

In early December, Huawei signed a supply agreement for the 4.5GWh battery storage system of the MTerra Solar project with Terra Solar Philippines Inc. (TSPI).

[Product Information](#)

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

The world's battery wars are just getting started -- and Huawei's latest solid-state battery patent is stirring serious energy in the electric vehicle (EV) world.

[Product Information](#)



[Battery Energy Storage Systems Report](#)

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

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Huawei's new 3,000 km solid-state battery patent matters a lot

Whether Huawei's design proves manufacturable or merely monetised via royalties, it sharpens industry focus on dry solid-state as the chemistry most likely to leapfrog ...

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[Huawei Patents A New Solid-state Battery With 3,000 ...](#)

The nation currently accounts for over 36% of global solid-state battery patents filed annually, and companies like Huawei are at the forefront of this charge. ...

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[Huawei unveils world's largest microgrid. featuring 1.3 ...](#)

Huawei Digital Power has built a solar-storage microgrid project in Saudi Arabia's Red Sea New City. It said that the plant has been operating ...

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

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 typical electric

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[Huawei Patents An EV Battery Pack With 3,000km Range](#)

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 ...

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Imagine Driving 1,860 Miles on a Single Charge: How Huawei's Battery

Huawei's patent for a solid-state battery capable of powering a car for 1,860 miles and recharging in five minutes is audacious, perhaps even visionary. While it may take years ...

[Product Information](#)



[Lithium Battery Storage System in Philippines](#)

Lead-Acid Battery to Lithium Battery An energy storage system with higher energy density is needed in the 5G era. Intelligent lithium batteries that combine cloud, IoT, power electronics, ...

[Product Information](#)





[SmartLi UPS , Lithium battery UPS in Malaysia , Huawei](#)

SmartLi Huawei SmartLi is a Huawei-developed battery energy storage system solution that provides backup power for medium- and large-sized data centers and key power supply ...

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Huawei plans to invent solid-state battery tech, reveals new patent

Huawei has recently issued a new patent regarding solid-state battery tech. It would be a wonderful implementation in the energy storage sector. It will further act as a vital ...

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

Huawei is the latest in a growing list of automakers and tech companies that are exploring the possible benefits of fitting an EV with solid-state batteries, with the likes of BMW,

[Product Information](#)



CATL 6C ultra-fast charging lithium iron phosphate battery for ...

CATL 6C super-chargeable lithium iron phosphate battery has been installed on the car, and is matched with the Zunjie S800. It is understood that the 6C high-voltage ...

[Product Information](#)



LUNA2000-5-10-15-S0 , Smart String Energy Storage System , HUAWEI ...

LUNA2000-5-10-15-S0 (Smart String ESS) provides solar energy storage for required moments. Independent energy optimization brings 10% more usable energy and flexible expansion. 4 ...

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[Huawei's huge battery breakthrough! New solid state tech...](#)

Smartphone giant and EV investor Huawei has challenged CATL and BYD's supremacy by inventing a pioneering new battery that blends an incredible range of up to ...

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

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 ...

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Huawei Patents A New Solid-state Battery With 3,000 KM Range

The nation currently accounts for over 36% of global solid-state battery patents filed annually, and companies like Huawei are at the forefront of this charge. With this latest patent, Huawei is ...

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