



Is Huawei's pack solar container lithium battery a solid-state battery





Overview

Huawei's breakthrough is based on a nitrogen-doped sulfide solid-state battery, which claims to reach energy densities between 400 and 500 watt-hours per kilogram (Wh/kg). That's about 2 to 3 times more than the energy density of most current lithium-ion EV batteries.

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Huawei has filed a patent for a new type of solid-state electric vehicle (EV) battery that could significantly change the future of clean transportation. The technology promises a driving range of up to 3,000 kilometers on a single charge and the ability to fully recharge in just five minutes. A.

Huawei's patent application reveals that its battery uses a method of doping sulfide electrolytes with nitrogen to reduce side reactions at the lithium interface. Huawei has filed a patent detailing a sulfide-based solid-state battery design with energy densities between 180 and 225 Wh/lb, roughly.

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.

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, Mercedes-Benz, VW, BYD and Stellantis all publicly touting the tech. Car News China reports that the tech giant has.

Traditional "wet" solid-state cells still suspend ceramic or sulfide particles in a gel electrolyte. Dry designs press a thin, fully dense solid electrolyte directly against a lithium-metal anode, eliminating flammable solvents, boosting voltage windows, and taking the theoretical gravimetric.

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. Taking the battery-making industry by surprise, the fresh filing is for a solid-state.



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

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Taking the battery-making industry by surprise, the fresh filing is for a solid-state style battery delivers an energy density of between 400 and 500Wh/kg - two or three times ...



[Huawei Enters Solid-State Battery Race with High ...](#)

Chinese technology powerhouse Huawei is setting its sights on one of the most promising and most elusive breakthroughs in clean ...

Huawei Patents New Solid-State Battery That Could Change The ...

In fact, Chinese firm Huawei recently patented a solid-state battery design in China that could rock the world.



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 ...

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

Huawei has stepped up its ambitions in advanced energy storage with a patent for a sulfide-based solid-state battery that offers ...



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

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

Huawei is on course to release a dry solid state battery with energy density between 400 and 500 Wh/kg, with a full recharge in 5 min

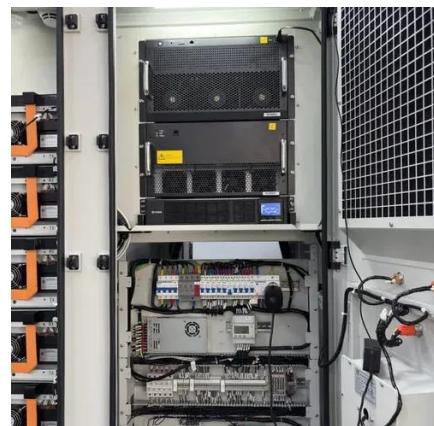


Huawei's new 3,000 km solid-state battery patent matters a lot

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[Huawei's 3,000 km Solid-State EV Battery: Is It the ...](#)

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[Huawei's 3,000 km Solid-State EV Battery: Is It the Game ...](#)

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[Huawei Solid-State Battery: 5-Min Charge, 3,000 km range](#)

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

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Huawei Enters Solid-State Battery Race with High-Density EV ...

Chinese technology powerhouse Huawei is setting its sights on one of the most promising and most elusive breakthroughs in clean transportation: the solid-state battery.



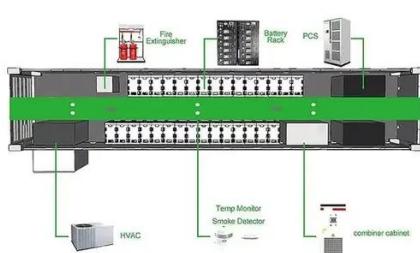
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