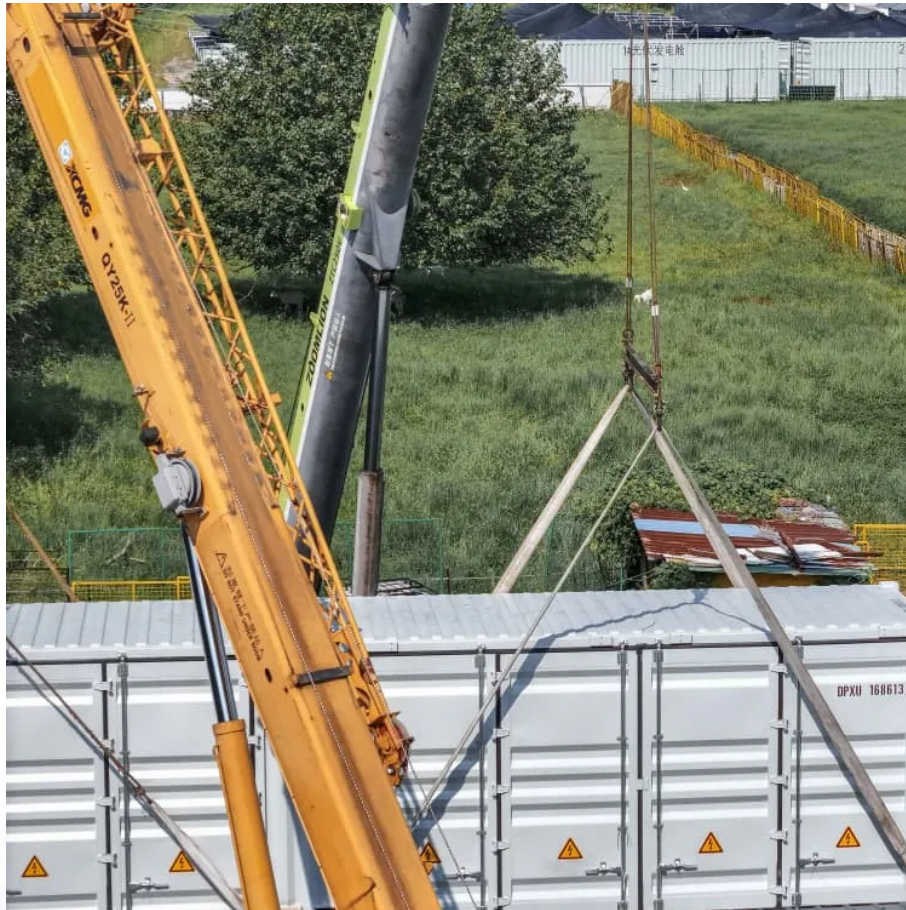


Huawei s new solar container battery material





Overview

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.

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.

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.



Huawei s new solar container battery material



[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 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



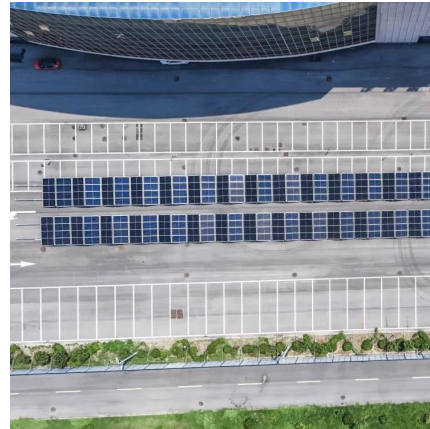
[Huawei's 3,000km solid-state battery patent with 5-minute ...](#)

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's new 3,000 km solid-state battery patent matters a lot](#)

Jun 19, 2025 · 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 ...



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

Jul 5, 2025 · China's tech giant claims 1,800-mile range for solid-state EV battery, files patent
Huawei's patent application reveals that its battery uses a method of doping sulfide ...



[Inside Huawei's energy storage battery container](#)

What is Huawei's new solar storage solution?
Huawei says its new, all-in-one storage solution for residential PV comes in three versions with one, two, or three battery modules, offering 6.9 ...



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

Jun 24, 2025 · 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 ...





[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.



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