
Huawei Super Battery Energy Storage Factory

Does Huawei have a sulfide-based solid-state battery?

US survey reveals a messy mystery 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.

Are Huawei & SAIC planning a new energy vehicle production base?

According to the reports, Huawei and SAIC are now penning agreements with the Lingang New Area to create a new line of energy vehicles (EV) and battery plants to power them. The aim of this agreement with the Lingang in Shanghai's free trade zone is to build the "Shangjie High-end Intelligent New Energy Vehicle Production Base".

Why is Huawei pursuing solid-state battery development?

By pursuing solid-state battery development, Huawei joins a growing list of global automakers and tech companies such as BMW, Mercedes-Benz, Volkswagen, and BYD, all racing to unlock safer, lighter, and faster-charging batteries to transform the future of electric mobility.

Does Huawei make power batteries?

While Huawei does not manufacture power batteries, it has shown increasing interest in upstream battery materials. Earlier in 2025, the company filed a separate patent on the synthesis of sulfide electrolytes -- a key material known for its high conductivity but also high cost, sometimes exceeding the price of gold.

According to the project leader from Huawei, in this collaboration, Huawei will deeply integrate core ICT technologies such as AI, connectivity, computing, storage, digital ...

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