



# Huawei makes liquid flow batteries





## Overview

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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.

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.

Huawei is set to make a significant advancement in energy storage with its latest development in solid-state battery technology. The tech giant has recently unveiled a patent for a sulfide-based solid electrolyte, a crucial component for next-generation lithium-ion batteries. This innovative.

In August 2022, Zhang Feng, vice president of Huawei Digital Energy Technology Co., Ltd., and Liao Zhanghui, executive director of Guangxi Lianchu New Materials Technology Co., Ltd., visited a liquid flow battery company, which once became a hot to pic in the secondary market. Zhang Feng said that.

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.

Huawei is the latest to jump on the SSB bandwagon with a high-energy-density sulfide-based battery. The Chinese company claims an energy density of over 500 Wh/kg, which should power an EV for up to 1,860 miles (3,000 km). However, the numbers don't add up, raising questions about Huawei's.

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.

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. This development marks a significant move by the tech giant to establish a.



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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 files patent for a new solid-state battery tech](#)

Huawei's new patent on sulfide solid-state batteries addresses liquid battery degradation, promising high energy density, safety, long life, ...

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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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### **Liquid flow energy storage, targeted by Huawei, has emerged as ...**

The 1MW/4MWh all-vanadium liquid flow battery energy storage project built by Dehai Aike for Xizi Clean Energy has enabled Xizi Clean Energy's demonstration factory to achieve non-stop ...



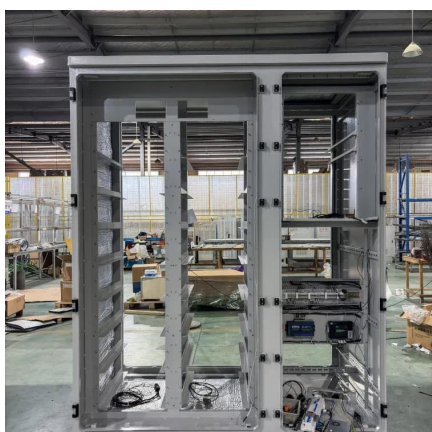
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### Huawei's New Battery Innovation Could Reshape the EV Landscape

Huawei's solid-state battery includes a doped sulfide solid electrolyte, unlike traditional batteries that rely on liquid or gel-based electrolytes. The innovation not only ...

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### Huawei Patents 5-Minute Charge, 3000km Solid-State EV Battery

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 3,000 kilometers (about 1,860 miles) with ...

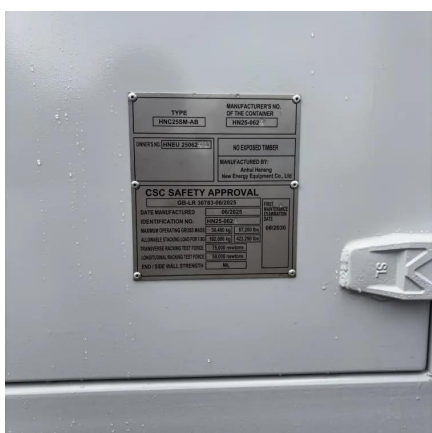
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### HUAWEI ENTERS THE FIELD OF LIQUID FLOW BATTERIES

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



## [Solid ...](#)

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## [Huawei files patent for a new solid-state battery tech](#)

Huawei's new patent on sulfide solid-state batteries addresses liquid battery degradation, promising high energy density, safety, long life, and stability for EVs and storage.

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## **Huawei patents a new solid-state battery with 1,860 miles range**

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## [Huawei's New Battery Innovation Could](#)



## [Reshape ...](#)

Huawei's solid-state battery includes a doped sulfide solid electrolyte, unlike traditional batteries that rely on liquid or gel-based ...

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

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.

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

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## [Huawei patents a new solid-state battery with ...](#)

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## **Huawei Announces 3,000-km Sulfide-**



## Based Solid-State Battery, ...

The battery uses a sulfide-based electrolyte and a lithium-metal anode, promising better ionic conductivity compared to other solid-state battery cells.

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