

# Huawei Power Energy Storage Vehicle



## Overview

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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. The project appears in a 2023 patent filing, suggesting it has been in development for at least two years. Solid-state batteries are seen as a possible step forward for energy storage. 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 Power Energy Storage Vehicle



### 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, Mercedes-Benz,

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

...

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 before such ...



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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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## Breakthrough EV Battery Patent Could Charge In Minutes And Cross ...

Huawei has developed solid-state battery tech that could make EVs go further and charge faster. Cells have triple the energy-density of li-ion ones and could theoretically give an 1,800 ...



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## Huawei is working on EV battery that will last for 1,800 miles on just

Huawei is developing a solid-state EV battery it says can deliver 1,800 miles of range after a five-minute charge. The project appears in a 2023 patent filing, suggesting it has been in ...

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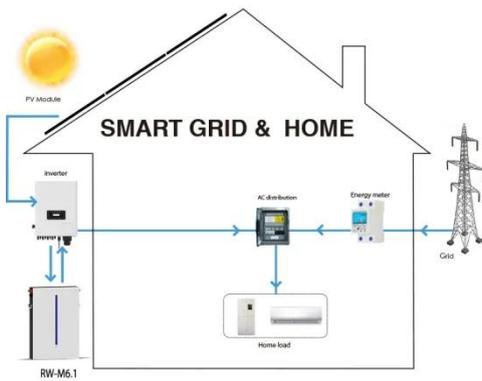
## Huawei's 3,000 km Solid-State EV Battery: Is It the Game-Changer ...

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 ...



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## Huawei Solid-State Battery: 5-Min Charge, 3,000 km range



In an effort to improve its energy storage, Huawei has submitted a patent application for a battery with a 3,000-kilometre range and a five-minute charging time.

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## Huawei Patents EV Battery Offering 3,000 km Range

Chinese tech giant Huawei has filed a patent for a next-generation solid-state electric vehicle (EV) battery that claims to offer an unprecedented driving range of over 3,000 kilometres on a ...



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18650 3.7V  
Li-ion  
RECHARGEABLE BATTERY  
**2000mAh**



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

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 ...

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