

## PEES Power Systems

# Huawei vehicles used in energy storage products



## Overview

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While the Chinese tech giant does not manufacture its own branded vehicles, it works closely with automakers to integrate in-house advanced technologies into electric vehicle models, including smart systems and now potentially its battery innovations. 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-fast charging in just five minutes. The development signals a significant push by the tech giant to stake a claim in. To enable this seismic shift in transportation, Huawei launched its Intelligent Automotive Solution business unit in May 2019. We invest about US\$1 billion annually in research and development related to autonomous driving technologies. Huawei Digital Power Technical Director Roberto Valer and Matrix Energia Commercial. 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.

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### **Huawei Energy Storage Products: Powering a Sustainable Future**

Whether you're exploring renewable energy integration or industrial power management, this guide breaks down Huawei's energy storage portfolio and its real-world applications.

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

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-fast charging in just five minutes.



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

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

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## 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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## 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 single charge and ...

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## Storage, e-mobility drive Huawei Brazil strategy

For Huawei, the combination of ultra-fast charging, solar generation, and battery energy storage systems is the key to enabling large-scale electric mobility in Brazil.



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



✓ IP65/IP55 OUTDOOR CABINET

✓ OUTDOOR CABINET WITH AIR CONDITIONER

✓ OUTDOOR ENERGY STORAGE CABINET

✓ 19 INCH

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,

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## Smart, self-driving cars

Huawei provides smart components and systems for autonomous vehicles, helping manufacturers produce cars that are better, safer, and cleaner. Click here to learn about the capabilities of Huawei's Advanced Driving ...



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## Huawei's 3,000km Battery Patent Jolts Global EV Industry

Huawei has intensified its push into advanced energy storage by filing a patent for a sulfide-based solid-state battery. This battery promises a 3,000km driving range and a super-quick five-minute charge!

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