

Huawei buys energy storage vehicles at affordable prices





Overview

Why is Huawei pursuing solid-state battery research?

Huawei's engagement in solid-state battery research reflects a wider trend among Chinese technology and automotive companies. Although Huawei does not manufacture power batteries directly, its growing interest in upstream battery materials is notable.

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.

What is Huawei's new EV brand 'Shangjie'?

The partnership will introduce a new EV brand, tentatively named "Shangjie" (新界), under Huawei's Harmony Intelligent Mobility Alliance, with an official launch event scheduled for April 10th. "Shangjie" will become the fifth brand in Huawei's automotive portfolio, all identified by the suffix "jie" (界).

Why is Huawei launching a smart automotive solution business unit?

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. Autonomous vehicles will produce broad social benefits.

Does Huawei make cars in China?

Currently, Huawei doesn't manufacture its own branded vehicles in China, but instead works with various automakers to apply some of its existing technologies to vehicles. According to the patent application, its batteries use a method that 'dopes' sulfide electrolytes with nitrogen to address side reactions at the lithium interface.



Does Huawei have a 3,000-kilometre range and 5-minute charging capacity?

While Huawei's assertions of a 3,000-kilometre range and five-minute charging have attracted significant attention, experts caution that such figures remain theoretical and would necessitate charging infrastructure that is currently not commercially available.



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Huawei's energy storage and charging solution supports a 5-minute fast charge for a 200-kilometer range, and a single system can be expanded to 12 charging units, enabling ...

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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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Huawei Digital Power once again named on the two lists with its globally leading smart photovoltaic inverter, energy storage products and rich practical applications.

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[Huawei's most affordable vehicle Shangjie H5 hits 50,000 pre ...](#)

HarmonyOS Intelligent Mobility Alliance (HIMA) reported over 25,000 refundable orders within one hour of pre-booking. By August 26, the figure had surged past 50,000 orders ...



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[Huawei partners with SAIC to launch most affordable Huawei EV ...](#)

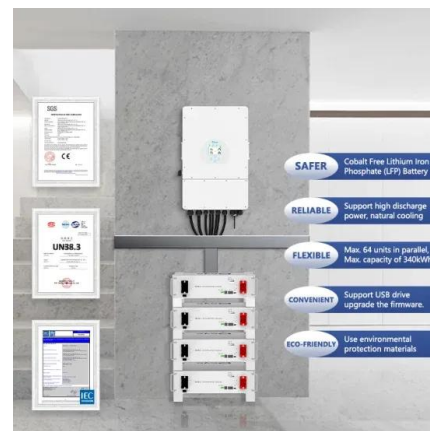
Technology giant Huawei and leading Chinese automaker SAIC Motor are joining forces to launch a new electric vehicle brand, "Shangjie" (??), under Huawei's Harmony ...

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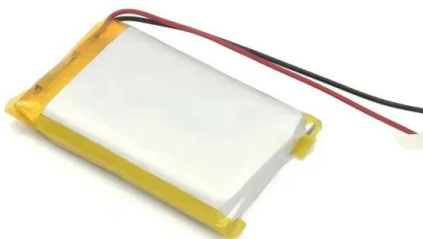
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[Huawei says its new solid-state EV battery can give you](#)

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, ...

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[Huawei Enters Brazilian Energy Storage Market. Deploying Ultra ...](#)

The company plans to launch its independently developed ultra-fast charging systems for electric vehicles and commercial vehicles in Brazil to address the rapidly growing ...

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Green Development 2030

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Smart, self-driving cars

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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 ...

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[Huawei unveils EV battery tech with 3,000 km range, 5 minute full ...](#)

Huawei has joined the debate about future-generation electric cars with a pretty radical suggestion: a battery system that might charge an EV for more than 3,000 kilometres. The ...

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There is an even stronger global consensus in 2022 to accelerate the energy transition away from fossil fuels and towards renewable energy and carbon neutrality. In June 2021 Huawei ...

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If Huawei delivers, it could leave American, European, Japanese, and Korean rivals scrambling to catch up. Companies like Toyota, Panasonic, CATL, and Tesla would be ...

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In pursuit of these goals, Huawei aims to develop and deploy advanced energy storage technologies that can be integrated seamlessly with ...

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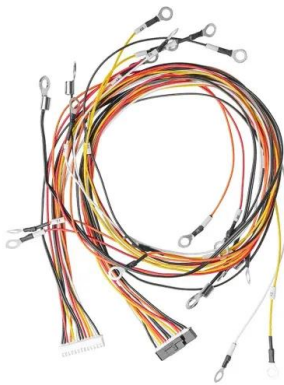
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