



# Huawei s new battery energy storage manufacturing base





## Overview

---

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.

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.

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.

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.

Dry designs press a thin, fully dense solid electrolyte directly against a lithium-metal anode, eliminating flammable solvents, boosting voltage windows, and taking the theoretical gravimetric ceiling well above  $350 \text{ Wh kg}^{-1}$  —a point we explored in January, 2025. A Chinese patent filed on 18 June.

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, VW, BYD and Stellantis all publicly touting the tech. Car News China reports that the tech giant has.

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. This is perhaps one of the.

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.



## Huawei's new battery energy storage manufacturing base



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

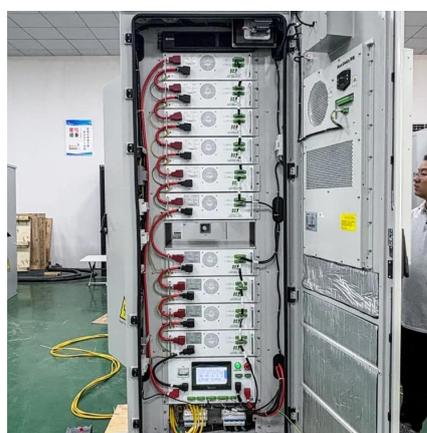
Huawei has stepped up its ambitions in advanced energy storage with a patent for a sulfide-based solid-state battery that offers driving ranges of up to 3,000 kilometres and ultra ...

[Request Quote](#)

### [Huawei's 3,000km Battery Patent Jolts Global EV ...](#)

Huawei has intensified its push into advanced energy storage by filing a patent for a sulfide-based solid-state battery. This battery ...

[Request Quote](#)



### [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,

[Request Quote](#)



### [Huawei's huge battery breakthrough! New solid state tech ...](#)

The move for tech giants to start investing in solid state batteries is said to be a growing trend, as firms like Huawei attempt to break free of their reliance on third-party battery ...



[Request Quote](#)



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

Huawei has filed a patent detailing a sulfide-based solid-state battery design with energy densities between 180 and 225 Wh/lb, roughly ...

[Request Quote](#)



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

Huawei is the latest in a growing list of automakers and tech companies that are exploring the possible benefits of fitting an EV with ...

[Request Quote](#)



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

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 ...

[Request Quote](#)



[Huawei's huge battery breakthrough! New](#)



## [solid ...](#)

The move for tech giants to start investing in solid state batteries is said to be a growing trend, as firms like Huawei attempt to ...

[Request Quote](#)



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

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 ...

[Request Quote](#)

## [Huawei's new 3,000 km solid-state battery patent ...](#)

Whether Huawei's design proves manufacturable or merely monetised via royalties, it sharpens industry focus on dry solid-state as ...

[Request Quote](#)



## **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 ...

[Request Quote](#)

## **Imagine Driving 1,860 Miles on a**



## Single Charge: How Huawei's Battery

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 ...

[Request Quote](#)



## Huawei's new 3,000 km solid-state battery patent matters a lot

Whether Huawei's design proves manufacturable or merely monetised via royalties, it sharpens industry focus on dry solid-state as the chemistry most likely to leapfrog ...

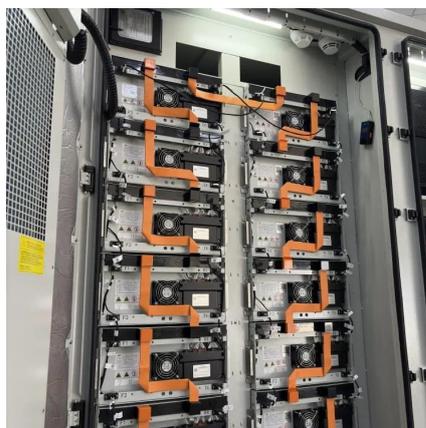
[Request Quote](#)



## Lithium Battery Solutions for Site Power , Huawei Digital Power

An energy storage system with higher energy density is needed in the 5G era. Intelligent lithium batteries that combine cloud, IoT, power electronics, and sensing technologies will become a ...

[Request Quote](#)



## [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 ...

[Request Quote](#)

## [Lithium Battery Solutions for Site Power .](#)



## [Huawei ...](#)

An energy storage system with higher energy density is needed in the 5G era. Intelligent lithium batteries that combine cloud, IoT, power ...

[Request Quote](#)



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

Even though Huawei doesn't manufacture batteries, the company is putting plenty of R& D resources into developing a new solid-state battery tech. ...

[Request Quote](#)

## **China's tech giant claims 1,800-mile range for new 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 ...

[Request Quote](#)



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

Huawei is set to make a significant advancement in energy storage with its latest development in solid-state battery technology. The ...

[Request Quote](#)



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:

<https://energyinnovationday.pl>

Phone: +48 22 335 1273

Email: [info@energyinnovationday.pl](mailto:info@energyinnovationday.pl)

Scan the QR code to contact us via WhatsApp.

