

# **Huawei Dominic makes battery packs**





## Overview

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Does Huawei make batteries?

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 craziest technologies we've heard so far.

Is Huawei developing a solid-state battery?

According to the patent, Huawei is developing a solid-state battery architecture with an energy density between 400 and 500 Wh/kg—reportedly three times higher than that of conventional lithium-ion cells used in today's electric vehicles.

How much does a Huawei battery cost?

Furthermore, the high production costs, which are currently between 8,000 and 10,000 yuan per kWh (about 1,100–1,400 USD), often prevent mass-market adoption. Huawei patents solid-state battery with 3,000 km range and 5-minute charge, promising breakthrough energy density and fast charging.

Will Huawei's new battery improve energy storage?

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. Compared to traditional lithium-ion cells, the new sulphide-based solid-state battery will have energy densities between 400 and 500 Wh/kg, or two to three times higher.



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Huawei patents a new solid-state battery with 1,860 miles ...

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Huawei Solid-State Battery: 5-Min Charge, ...

Jul 3, 2025 · Huawei patents solid-state battery with 3,000 km range and 5-minute charge, promising breakthrough energy density and fast charging.

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Huawei LUNA2000-10-S0 battery pack

The new modular Huawei LUNA2000-10-S0 (10 KWH) is a high voltage lithium battery which will be compatible with a wide range of self-consumption inverters especially with the Huawei ...

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HUAWEI Smart String ESS SOLUTION, ...

Nov 13, 2025 · HUAWEI Smart String ESS SOLUTION, Photovoltaic Battery Packs HUAWEI Smart String ESS SOLUTION battery packs are the ideal ...

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Troubleshooting

M:LUNA2000-5-S0,LUNA2000-10-S0,LUNA2000-15-S0;ESS,Maximum self-consumption, charge and discharge status, battery control

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Huawei's 3,000km, 5-minute charge battery patent just ...

Jun 21, 2025 · The world's battery wars are just getting started -- and Huawei's latest solid-state battery patent is stirring serious energy in the electric vehicle (EV) world.

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Huawei LUNA2000-2.0MWH-2H1

The Huawei LUNA2000-2.0MWH-2H1 is a containerised LFP battery system delivering 2.03 MWh of energy and 1.016 MW of rated power for 2-hour discharge applications. It combines ...

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

Jul 3, 2025 · Huawei patents solid-state battery with 3,000 km range and 5-minute charge, promising breakthrough energy density and fast charging.

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Huawei Patents Battery Tech With 3000km ...

Jun 18, 2025 · Huawei has a new solid-state battery patent that promises a 3,000km range and 5-minute charging, signalling China's growing lead in ...

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

Jun 19, 2025 · Huawei's 500 Wh kg<sup>-1</sup>, five-minute-charge claim lands just as multiple global OEMs lock in 2028 launch dates. Whether Huawei's design proves manufacturable or merely ...

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### Huawei's new 3,000 km solid-state battery ...

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### Huawei Patents An EV Battery Pack With ...

Jun 22, 2025 · According to the patent, Huawei is developing a solid-state battery architecture with an energy density between 400 and 500 ...

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### 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. ...

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### Huawei Patents An EV Battery Pack With 3,000km Range

Jun 22, 2025 · According to the patent, Huawei is developing a solid-state battery architecture with an energy density between 400 and 500 Wh/kg--reportedly three times higher than that ...

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### Huawei Digital Energy Secures Patent for Battery Pack with ...

May 11, 2025 · Huawei Digital Energy has secured a patent for a battery pack and energy storage system that features an electrolyte drainage function, which significantly reduces the risk of ...

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### Huawei Patents Battery Tech With 3000km Range & 5 Min ...

Jun 18, 2025 · Huawei has a new solid-state battery patent that promises a 3,000km range and 5-minute charging, signalling China's growing lead in EV battery innovation.

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### 13 Largest Battery Manufacturers In The ...

Aug 7, 2025 · We present the largest, most influential battery manufacturers, exploring their market positions & strategies that have enabled them to ...

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

Jul 5, 2025 · China's tech giant claims 1,800-mile range for solid-state EV battery, files patent Huawei's patent application reveals that its battery ...

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

Jun 18, 2025 · 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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### China's tech giant claims 1,800-mile range for solid-state EV battery

Jul 5, 2025 · China's tech giant claims 1,800-mile range for solid-state EV battery, files patent Huawei's patent application reveals that its battery uses a method of doping sulfide ...

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### Energy Storage Solution (ESS) , HUAWEI ...

Cell to Grid Safety Huawei's Smart String Grid-Forming ESS ensures robust protection through five layers of integrated safety design, from individual ...

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### Installing Battery Packs

Slowly push or move battery packs to prevent damage and collision. To prevent battery packs from falling off, start the pallet truck or forklift after confirming that battery packs are securely ...

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### HUAWEI Phones

9 hours ago · Explore the latest technologies in smartphone with HUAWEI, and check out the HUAWEI Mate series, HUAWEI Pura series and ...

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### Huawei HIMA Maextro S800 800V Extended ...

Feb 21, 2025 · As the industry's first extended-range battery to offer a 65kWh capacity, the S800 delivers extended driving ranges and sustained power ...

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

Jun 30, 2025 · Huawei has developed solid-state battery tech that could make EVs go further and charger faster. Cells have triple the energy-density of li-ion ones and could theoretically give ...

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