

Huawei Super Charge Liquid Cooling Energy Storage





Overview

The technology has a peak power of up to 1.5 megawatts, replenishes 20 kWh of electricity per minute, and has a continuous charging current of 2400A for dual guns, allowing heavy trucks to be charged to 90% (about 300 kWh of battery capacity) in 15 minutes, with a replenishment efficiency nearly 4 times higher than that of traditional fast charging piles. What is Huawei fully liquid cooled power unit?

Huawei fully Liquid-cooled power unit is a product oriented to electric vehicles for efficient energy conversion and power allocation. Compared with traditional solutions, Huawei innovatively adopts the liquid cooling technology and DC bus architecture. The product modules, and power sharing units.

What is Huawei EV supercharger?

Today, Huawei launched a brand-new fully liquid-cooled 1.5 megawatt-class supercharger for EVs (electric vehicles). It is the industry's first completely liquid-cooled charging solution that aims to deliver faster and power-efficient services.

Does Huawei have a supercharging station?

Huawei has launched its first-ever liquid-cooled 600kW supercharging station. The ultimate solution is jointly developed by Enerji SA, Zebra, and Huawei Digital Energy. It initially stepped in Turkey to improve the EV's charging facilities. The Chinese tech giant and other partners conducted a small conference to unveil the new charging solution.

What is Huawei intelligent electric & intelligent charging network?

Today, Huawei advanced the state of electric vehicle infrastructure, unveiling what it describes as the industry's first fully liquid-cooled megawatt fast-charging solution at its "2025 Huawei Intelligent Electric & Intelligent Charging Network Launch Conference."



Huawei Super Charge Liquid Cooling Energy Storage

Huawei's liquid-cooled supercharger achieves ...

Jul 27, 2024 · Huawei's liquid-cooled supercharging technology performed impressively in extreme temperatures. Rigorous testing in the Turpan ...

Huawei unveils first global liquid-cooled 600kW ...

Mar 16, 2024 · Huawei has launched its first-ever liquid-cooled 600kW supercharging station. The ultimate solution is jointly developed by Enerji SA, Zebra, and Huawei Digital Energy. It initially ...

Huawei introduces liquid-cooled 1.5 megawatt supercharger ...

Apr 22, 2025 · Today, Huawei launched a brand-new fully liquid-cooled 1.5 megawatt-class supercharger for EVs (electric vehicles). It is the industry's first completely liquid-cooled ...

Huawei releases full liquid cooling super charging ...

Apr 22, 2025 · In terms of safety performance, Huawei's fully liquid-cooled megawatt-class supercharging uses immersion liquid cooling technology with a service life of 10 years, ...

Huawei unveiled smart Hybrid cooling energy ...

Apr 14, 2025 · Huawei has recently introduced the industry's first commercial new smart Hybrid cooling energy storage solution in Europe. It comes ...

Huawei launches fully liquid-cooled megawatt charger: 1.5 ...

Apr 22, 2025 · Huawei claims this represents a nearly fourfold improvement in replenishment efficiency compared to traditional fast-charging stations. Industry's first fully liquid-cooled ...

Huawei Fully Liquid-cooled Ultra-fast and Fast Charging

Aug 19, 2024 · Huawei Fully Liquid-cooled Charging Power Unit Huawei fully Liquid-cooled power unit is a product oriented to electric vehicles for efficient energy conversion and power allocation.

Huawei Digital Power Introduces New FusionCharge Liquid ...

Jul 5, 2024 · In future, Huawei aims to expand the application of this innovative technology to encompass both business and household applications, building on Huawei's existing ...

Huawei's light storage liquid-cooled super ...

Sep 4, 2024 · The official operation of the Everest light storage liquid-cooled super charging station marks that new energy vehicles in the Sichuan ...

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LUNA2000-215 Series sets a new benchmark for safe and efficient industrial and commercial ...

Huawei unveils first global liquid-cooled ...

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Huawei Digital Power Introduces New ...

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Huawei introduces liquid-cooled 1.5 ...

Apr 22, 2025 · Today, Huawei launched a brand-new fully liquid-cooled 1.5 megawatt-class supercharger for EVs (electric vehicles). It is the ...

Huawei's All-liquid-cooled Supercharging Solves The ...

Nov 9, 2023 · In addition, based on the "self-developed topology + liquid cooling + intelligent optimization", the efficiency of the equipment system is improved by 1%+, reducing electricity ...

Huawei's light storage liquid-cooled super charging station ...

Sep 4, 2024 · The official operation of the Everest light storage liquid-cooled super charging station marks that new energy vehicles in the Sichuan-Tibet region have entered the fast lane ...

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The official operation of the Everest light storage liquid-cooled super charging station marks that new energy vehicles in the Sichuan-Tibet region have entered the fast lane for energy ...

Huawei's All-liquid-cooled Supercharging ...

Nov 9, 2023 · In addition, based on the "self-developed topology + liquid cooling + intelligent optimization", the efficiency of the equipment system ...

Liquid Cooling System

Aug 1, 2025 · The liquid cooling system consists of the primary side and secondary side. The primary side includes the cooling tower and (optional) chiller. The secondary side includes a ...

Charging EVs superfast with liquid-cooled superchargers

Dec 7, 2023 · Huawei's liquid-cooled super-chargers charge electric vehicles superfast, at the rate of one kilometer of extra autonomy per second. A full charge takes only eight minutes.

Top 10 Trends of Charging Network Industry ...

Jan 9, 2025 · Furthermore, we are dedicated to improving electrical safety and integrating charging facilities with photovoltaic (PV) and energy ...

Huawei Digital Power--for a better, greener future

Mar 1, 2024 · Huawei Digital Power--for a better, greener future



Huawei's liquid-cooled supercharger achieves nearly 1 ...

Jul 27, 2024 · Huawei's liquid-cooled supercharging technology performed impressively in extreme temperatures. Rigorous testing in the Turpan region (China), known for its intense ...

Liquid-Cooled Ultra-Fast Charging

Discover the power of Liquid-Cooled Ultra-Fast Charging technology, designed to deliver faster, more efficient EV Fast Charging solutions for modern electric vehicles. Enhance your driving ...

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