



# Huawei Liquid Cooling Super Charging Energy Storage





## Overview

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The charging current of a liquid-cooled charging dispenser is 500 A, enabling faster charging. Quiet charging experience with less than 50dB (A) [3] noise, users can enjoy a quiet environment while charging. The power sharing matrix saves grid capacity, and the charging efficiency is increased to.

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." The new charger boasts impressive.

Today, Huawei launched the industry's first fully liquid-cooled megawatt-class supercharging solution at the 2025 Smart Electric & Smart Charging Network Strategy and New Product Launch Conference. The technology has a peak power of up to 1.5 megawatts, replenishes 20 kWh of electricity per minute.

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. New Huawei Supercharger for EVs has the highest power.

[Bangkok, Thailand, 3 July 2024] Huawei Digital Power is driving the future of electric charging technologies with the launch of its revolutionary FusionCharge Liquid-cooled Ultra-fast Charging Solution, also known as the 'Liquid-cooled Power Unit', in Thailand. Announced during ASEAN Sustainable.

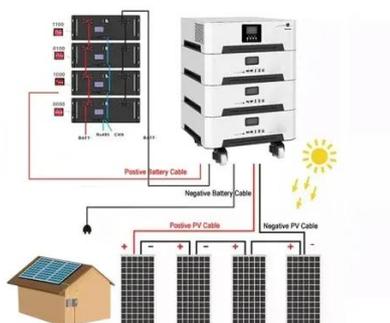
Huawei unveiled a new fully liquid-cooled supercharger with a peak power output



of 1.5 megawatts, as competition escalates among Chinese companies to develop ultra-fast charging solutions for electric vehicles (EVs). The new charger, introduced in Shanghai, is designed primarily for heavy-duty.



## Huawei Liquid Cooling Super Charging Energy Storage



### Huawei releases full liquid cooling super charging technology, ...

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### Huawei introduces liquid-cooled 1.5 megawatt supercharger for EVs

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### [Huawei's 1.5MW Fast Charging System for Heavy-Duty EVs](#)

From the prototypes already deployed, Huawei employs an external, independent liquid cooling system to facilitate active and passive circulating cooling. This design ...



### [Huawei Digital Power Introduces New FusionCharge Liquid ...](#)

Ultra-fast charging is a common and ever-increasing need for passenger cars and commercial vehicles around the world. Our liquid-



cooled power units greatly surpass existing ...



### [Huawei Fully Liquid-cooled Ultra-fast and Fast Charging](#)

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 introduces liquid-cooled 1.5 megawatt ...](#)

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Deye inverters and Deye batteries are more compatible.



### **Liquid-Cooled Ultra-Fast Charging**

Huawei liquid-cooled ultra fast charger solution delivers high-power EV charging with efficient thermal management, reliable performance, and ...



## Huawei's All-liquid-cooled Supercharging Solves The Problem Of Charging

Based on the ultra-fast integrated charging architecture, Huawei's all-liquid-cooled supercharging infrastructure can support long-term smooth evolution in the future, and at the ...

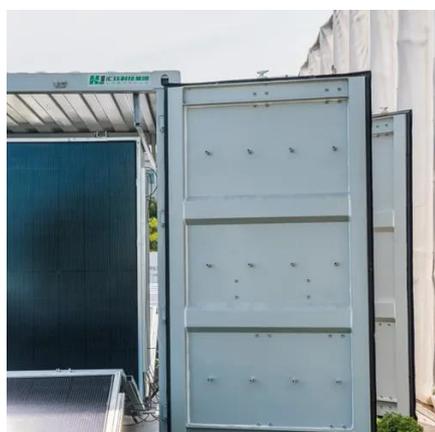
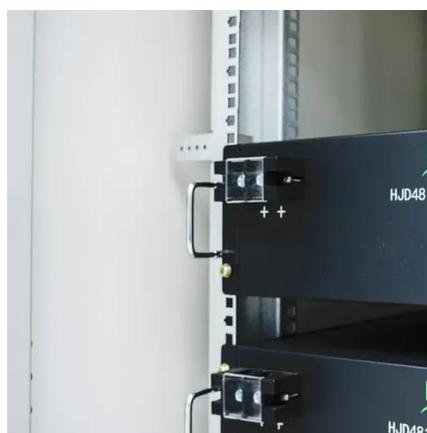


## Huawei releases full liquid cooling super charging technology, charging

Today, Huawei launched the industry's first fully liquid-cooled megawatt-class supercharging solution at the 2025 Smart Electric & Smart Charging Network Strategy and ...

## Liquid-Cooled Ultra-Fast Charging

Huawei liquid-cooled ultra fast charger solution delivers high-power EV charging with efficient thermal management, reliable performance, and scalable deployment.



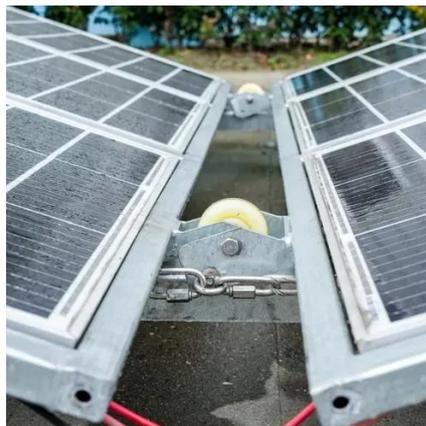
## Huawei launches fully liquid-cooled megawatt charger: 1.5 ...

Huawei claims this represents a nearly fourfold improvement in replenishment efficiency compared to traditional fast-charging stations. A key technological innovation is the ...



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

Huawei just revealed the results of rigorous testing for its liquid-cooled supercharging tech in the harsh Turpan region of China, known for its extreme temperatures.



## [Huawei Unveils 1.5 MW Supercharger That Powers Heavy ...](#)

The new charger, introduced in Shanghai, is designed primarily for heavy-duty electric trucks, though Huawei said it is also compatible with passenger vehicles. The ...



## Contact Us

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