



# XD Group Liquid Flow Battery





## XD Group Liquid Flow Battery



### [Liquid Cooling Products Hub - XD Thermal](#)

Our innovations in battery liquid cooling technology are crucial for enhancing the performance and longevity of power electronics across various industries.

### **XD THERMAL (Battery Cooling)**

In this video, we dive deep into the innovative design features and technologies that set XD THERMAL apart from the competition.



### **XD-Thermal**

It's widely recognized that reducing the weight of the battery enclosure by around 10% can potentially increase the electric vehicle's range by approximately 6%.

[#liquidcooling](#) [#thermalmanagement](#)  
[#batterycooling](#) [#ev](#) [#ess](#)

? Series vs. Parallel Flow -- Finding the Balance in Liquid Cooling Plate Design When designing a liquid cooling plate, choosing the right flow



configuration is key to balancing temperature



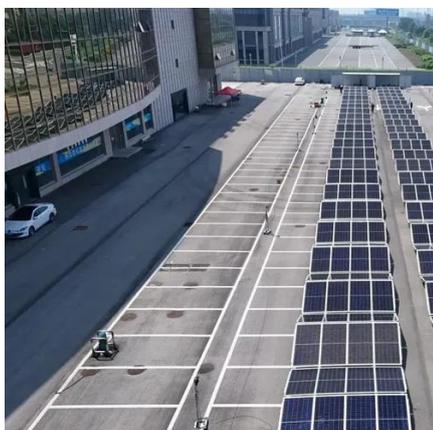
### Liquid Cooling Plate - XD Thermal

XD THERMAL applies advanced EV-grade battery liquid cooling technology to solar power and hybrid energy systems -- enhancing reliability, ...



### Cold Plate Design: Liquid Cooling Solutions for Your Battery

Discover the background and techniques behind efficient cold plate design for liquid cooling solutions to power your battery.



### XD Group Liquid Flow Battery

XD THERMAL offers a one-stop solution covering R& D, optimization, and production specifically tailored for liquid cooling components of battery thermal management.



## Liquid Cooling Plate - XD Thermal

XD THERMAL applies advanced EV-grade battery liquid cooling technology to solar power and hybrid energy systems -- enhancing reliability, conversion efficiency, and component lifespan ...



### [Design Liquid Cooling Plates: Optimize Your ...](#)

When transferring heat through direct contact between battery cells/modules and a plate-type aluminum device, this aluminum device is known as a ...

### [Xd-Thermal Liquid Cooling EV Battery Case](#)

This case enhances battery life, improves performance, and increases safety compared to traditional air-cooled systems. It is particularly well-suited for automotive and energy storage ...



### [Cold Plate Design: Liquid Cooling Solutions for ...](#)

Discover the background and techniques behind efficient cold plate design for liquid cooling solutions to power your battery.



## [From HEV to EV: How Liquid Cooling Became the Foundation](#)

From HEV to EV, battery cooling evolved from simple air flow to precision liquid systems. Learn how XD Thermal designs reliable plates and tubes for 4680 packs.

### ESS



### **Design Liquid Cooling Plates: Optimize Your Battery Cooling ...**

When transferring heat through direct contact between battery cells/modules and a plate-type aluminum device, this aluminum device is known as a liquid cooling plate. The heat is ...



## Contact Us

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