



XD Group Liquid Flow Battery





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[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



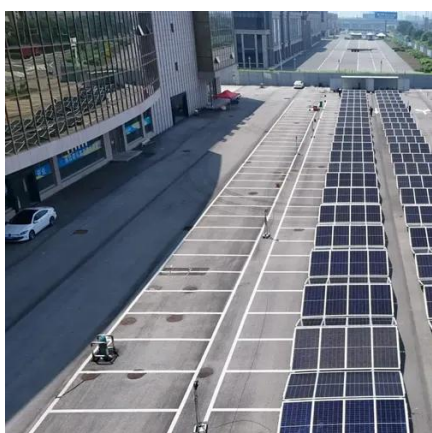
Liquid Cooling Plate - XD Thermal

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

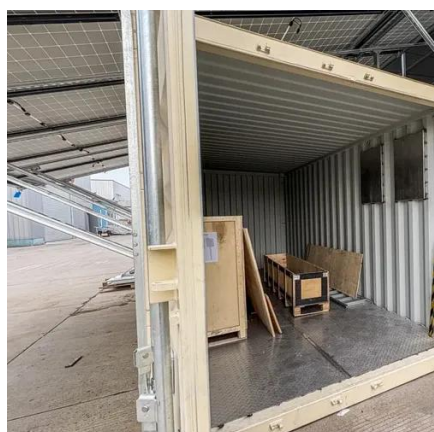


XD THERMAL applies advanced EV-grade battery liquid cooling technology to solar power and hybrid energy systems -- enhancing reliability, conversion efficiency, and component lifespan ...



[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 ...



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[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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