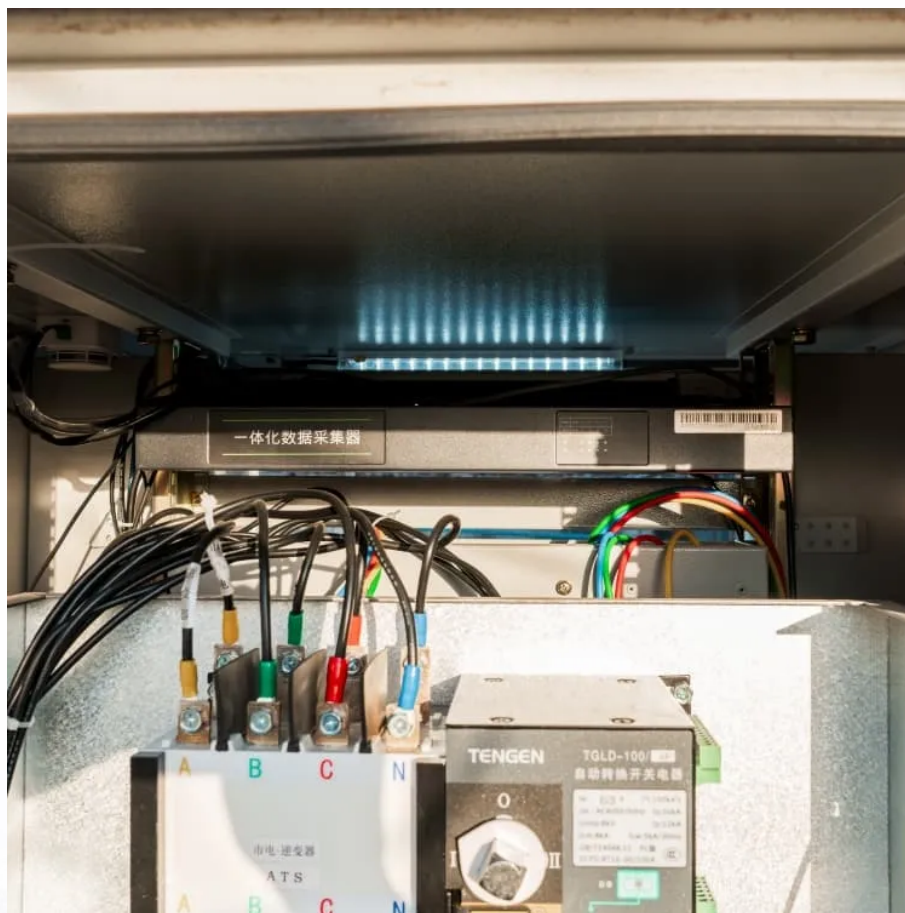


# Liquid-cooled inverter processing manufacturer





## Overview

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What is a liquid cooling system?

Liquid cooled servers, data center cooling systems, and direct liquid cooled (DLC) GPUs and CPUs maximize compute density and maintain peak performance with minimal latency more sustainably with more reliable uptime. Boyd's liquid cooling system design cycles accelerate time to market.

Where can I find information about microchannel liquid cooling solutions?

For more information about our microchannel liquid cooling solutions, call (603) 690-2020 or contact us online today. Mikros Technologies offers liquid cooling solutions for IGBTs commonly used in power electronic semiconductors. Learn about our IGBT cooling systems.

What is integrated microchannel liquid cooling?

Using integrated microchannel liquid cooling can lower the thermal resistance of an IGBT 10x-100x over other liquid cooling designs by reducing the thermal mass of the coolant in micro-sized flow channels. This dramatically improves heat dissipation rates and lowers the operating temperatures of IGBT system designs.

Who is DCX liquid cooling systems?

DCX Liquid Cooling Systems CEO: Maciek Szadkowski Founded: 2019  
Headquarters: Poland DCX Liquid Cooling Systems is a global manufacturer offering an extensive range of sustainable liquid cooling solutions, including both direct liquid cooling and immersion cooling technologies.

What is direct liquid cooling?

Direct liquid cooling improves heat transfer coefficients and decreases the thermal resistance of a system, lowering the junction temperatures and increasing power capacities in IGBTs. Liquid cooling also allows designers to achieve greater power per volume, which increases performance and energy



efficiency.

What is direct chip liquid cooling (Dclc)?

Our solution, equipped with integrated Direct Chip Liquid Cooling (DCLC), is a standardized, row-style modular data center designed for high-density applications. It combines air and liquid cooling from a single source, ensuring optimal performance for IT loads up to 100 kW per rack.



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### [Liquid Cooling Systems , Liquid Cooling Solutions , Boyd](#)

Combine direct liquid cooling durable cold plates with fittings and tubes to simplify cooling AI servers, CPUs, GPUs, and networking applications. Benefit from Boyd's decades of trusted ...

### [Silicon carbide based traction inverter cooling in electric vehicle](#)

Heat pipe based air cooling system for traction inverter, in particular, and overall vehicular power electronics, in general, will provide dedicated and modular cooling system ...



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