



Ultra-High Rate Performance Meets Container Constraints



COMPANY NAME



LOCATION

Germany

PRODUCT

XHRL12500W

INSTALLATION DATE

July 18, 2025

APPLICATION

High Rate UPS / Data Center

When a precision optics and photonics manufacturer needed to expand backup power for a modular data center, the constraint wasn't power requirements—it was space. The customized container-based solution designed by STULZ and MEP d.o.o left limited room for traditional battery installations. Backup autonomy was non-negotiable, but fitting the required power density into a confined footprint seemed impossible.

Standard UPS battery solutions would have demanded significant container space, forcing costly trade-offs in equipment placement and cooling efficiency. The project needed a battery engineered specifically for high-power output in a compact form factor—exactly what MEP and their end-customer couldn't find in conventional products.

CSB's XHRL12500W stepped in as the purpose-built solution. With 80 units deployed in July 2025, the XHRL series delivered the high power density and compact design this application demanded. Unlike standard batteries that sacrifice performance or require sprawling cabinets, the XHRL achieves full backup autonomy in minimal space—the exact advantage this modular data center required.

As the integrator noted: "The CSB XHRL battery solution was exactly what we needed for this project. Its high power density, reliability, and compact design enabled us to achieve the required backup autonomy while optimizing the available container space for our modular data center application."

For data center integrators and OEMs designing modular solutions where space is as critical as power, the XHRL series delivers. CSB engineered it for exactly this scenario: maximum output, minimum footprint.

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