



Data Centre – UPS E-House Modular Project



Project Location

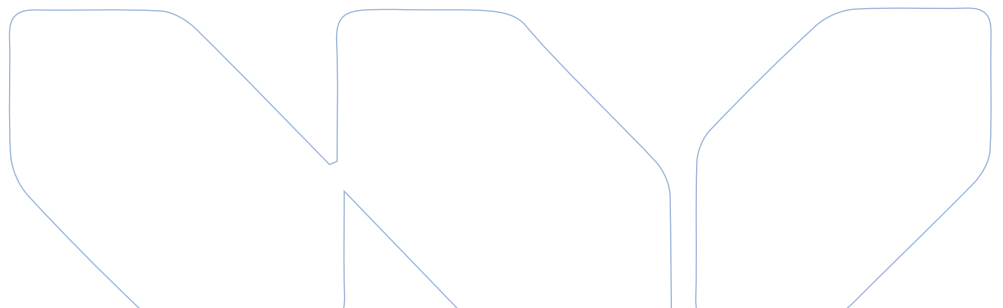
London

ODS Engineering delivered a prefabricated E-Pod providing scalable backup power for mission-critical data centres. Designed and engineered in-house, each unit is CE-certified to EN1090 and built in a controlled environment for quality and reliability. Factory fit-out and commissioning ensure zero defects and enable fast, safe deployment on site.

Project Completion

Q1 2026

- ODS – supporting the expansion of scalable infrastructure across Europe through modular delivery
- DfMA-Driven Delivery Model – (DfMA is Design for Manufacture)
- Supporting a low-carbon, high-efficiency infrastructure strategy through modular innovation.





The Challenge

Data centre environment demand zero downtime and absolute reliability. The client required a UPS enclosure solution that could be:

- Rapidly deployed with minimal on-site disruption
- Fully integrated and ready for immediate operation
- Engineered to handle high heat loads and continuous operation
- Built to the highest standards of safety and durability.

The Solution

ODS Engineering designed and manufactured a fully integrated, plug-and-play UPS E-House, delivering:

- Precision-engineered enclosure systems built for transport, durability, and long-term performance
- Seamless UPS integration within a controlled, optimised environment
- High-efficiency cooling & ventilation, ensuring stable operation under demanding loads
- Fire-rated, weatherproof construction for maximum protection and resilience
- Factory-built and fully tested modules, eliminating on-site uncertainty.



“At ODS Engineering, our focus is on delivering reliable, high-performance modular infrastructure. This project demonstrates the strength of our modular approach to providing solutions that are not only efficient to deliver but built for long-term performance and resilience.”