

# POWER

## UPS & BATTERIES

**The UPS container ensures uninterrupted uptime and safeguards the equipment by maintaining proper power quality. Housed in a 20ft ISO container, for example, it can deliver up to 1500kW of power from the batteries. Different battery sizes are available for your project's specific needs.**

These climate-controlled containers guarantee consistent performance, even in the toughest environments. Inside, you'll find an automatic transfer switch, a modular UPS system, battery cabinets (available in lithium or lead acid options), a battery protection cabinet and an upstream feeding cabinet.

All components are sourced within our well established network of partners. This way we reduce lead-times whilst maintaining a high quality level. A wide variety of industrial standard communications are possible either on the UPS unit itself or via an optional logical controller.

### UPS (Uninterruptible Power Supply)

**Instant backup:** UPS systems provide immediate power backup during outages, preventing data loss and ensuring uninterrupted operations.

**Voltage regulation:** They stabilize voltage, safeguarding sensitive electronics from power fluctuations and guaranteeing consistent performance.

**Energy efficiency:** High-efficiency UPS models reduce energy consumption, cutting operational costs and minimizing environmental impact.

**Remote monitoring:** Advanced UPS units offer remote monitoring, enabling real-time insights into status, allowing proactive maintenance and minimizing downtime.

### Backup Battery

**High energy density:** Backup batteries provide a high energy density, providing substantial power storage in a compact size, ensuring optimal backup durations.

**Quick recharge:** These batteries feature rapid recharge capabilities, minimizing downtime and ensuring they are ready to provide backup power swiftly after use.

**Long cycle life:** Backup batteries are designed for longevity, offering a large number of charge and discharge cycles before any significant capacity reduction, ensuring durability and cost-effectiveness.

**Maintenance-free:** Many backup batteries are sealed and maintenance-free, requiring minimal attention while offering reliable performance, making them convenient and hassle-free for users.