

Power cabinet

Range of LITHIUM Autonomous Power enclosure

The range of LITHIUM autonomous power units is the ideal solution for continuously and fully mobile power supply to your IT and labeling stations (PCs, printers, terminals, screens, etc.). Housed in unique, sealed, insulated, and ventilated enclosures, these systems deliver energy through next-generation Lithium Iron Phosphate (LiFePO₄ or Ni-Rich) batteries, ensuring performance and long service life. Each unit is designed as an “all-in-one” solution, integrating all the necessary components (batteries, converters, charger) in a compact, easy-to-handle format.

Key Strengths

- **Total autonomy and mobility:** Free your workstations from sector constraints and boost productivity by making them fully mobile.
- **Enhanced lifespan and safety:** The batteries offer an extended service life (up to 1000 cycles) and are protected by multiple electronic safety devices (anti-discharge, visual alarm, circuit breaker). They are certified for all types of transport (air, land, sea).
- **Modularity and scalability:** The enclosures feature pluggable and interchangeable conversion boards, allowing output voltages to be adapted as your equipment fleet evolves.
- **Ease of use:** The systems include LED charge-level indicators, clear main switches, and an extremely simple battery replacement procedure.

Specifications

The range consists of several all-in-one models designed to meet specific needs in terms of performance and budget.

Model	Battery Technology	Life Cycle	Key Concept
LITHIUM LC	Lithium Iron Phosphate (Ni-Rich)	600 cycles	Compact and cost-effective all-in-one enclosure.
LITHIUM V1	Lithium Iron Phosphate (LiFePO ₄)	1000 cycles	Standard, versatile, and high-performance enclosure.
LITHIUM V2	Lithium Iron Phosphate (LiFePO ₄)	1000 cycles	Enhanced evolution of the V1, optimized for efficiency.

Each model can power equipment through multi-voltage outputs ranging from 5V to 24V DC, and/or 230V AC (variable power, generally from 350W to 600W depending on the configuration).Garanties :

Warranty

LMREA: protection and mobility solutions for industry

- **Manufacturer warranty: 2 years**, parts and labor, applicable to all components of the enclosure **except the battery pack**.
- Batteries are covered by a **3-year warranty or 600 charge/discharge cycles**.

Options and Variants:

A full range of options is available to customize your power solution:

- **Remote display:** An external screen showing real-time remaining autonomy.
- **Low-voltage converter boards:** To adapt output voltages to your specific needs (5V, 12V, 19V, 24V).
- **Mounting accessories:** Retention slides or mounting brackets for perfect integration on your mobile workstations.
- **Extended warranty and cable modifications** available on request.