



Designer Manufacturer

LITHIUM ENERGY CABINET

Lithium Iron Phosphate battery-fitted, autonomous power supply cabinet

Characteristics:

- Single, perfectly insulated and ventilated housing;
- Provides power to multiple consumers (PC, printer, terminal, monitor, etc.) from its multi-voltage outputs, from 5 to 24 V DC and/or 230 V AC;
- Houses batteries and all peripheral material (converters, chargers, etc.);
- LITHIUM batteries compatible with all types of transport (land, sea and air);
- Foolproof or dedicated sockets, depending on voltage type;
- Modular, upgradeable cabinet: plug-in, interchangeable converter boards depending on your requirements;
- Safety device to guarantee the service life of the batteries:
 - Electronic safety to prevent the battery from being discharged;
 - The safety is only released when the battery is fully charged;
 - Very simple battery replacement procedure;
 - Visual alarm (rotating beacon light) indicating critical levels for autonomy;
 - Battery charge indicator (two-coloured LED);
 - Main circuit breaker if the cabinet is not to be used for an extended period;
 - Main power supply circuit breaker;
- Energy cabinet supplied with installation guide.

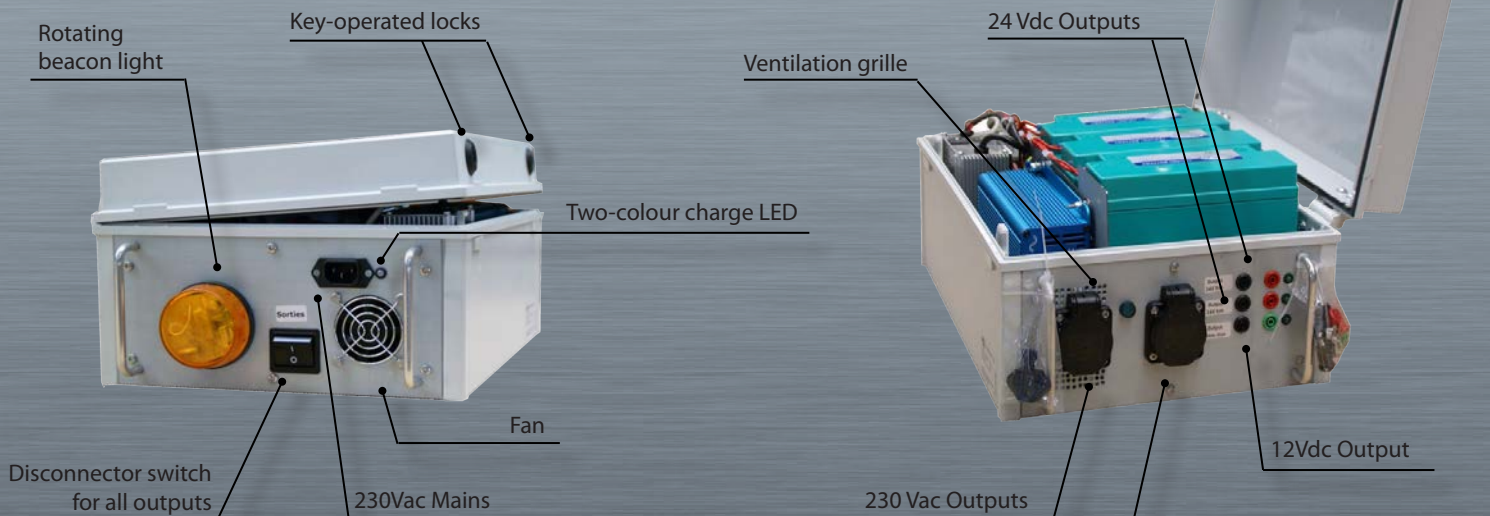
Warranties:

- The manufacturer's warranty is three years (parts and labour), applicable to all component parts used in the cabinet, with the exception of the battery pack;
- The batteries are guaranteed for more than 900 discharge/recharge cycles.

- Advantages :**
- Reduced footprint
 - Increased longevity of batteries
 - Handling of the cabinet effortlessly



LITHIUM Energy Cabinet 30 Ah :






Fixed and mobile workstations

TECHNICAL CHARACTERISTICS

	ENERGY CABINET: BATTERY CAPACITY LITHIUM					
Characteristics	10 Ah	20 Ah	20 Ah / 300 W	30 Ah	30 Ah / 300 W	30 Ah / 600 W
Equivalence AGM cabinet	18 Ah	28 Ah	28 Ah / 300 W	40 Ah	40 Ah / 300 W	40 Ah / 600 W
Battery pack voltage	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Mains input	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz
DC Outputs	2 x 24 VDC Outputs 1x12 VDC Output*	2 x 24 VDC Outputs 1x12 VDC Output*	2 x 24 VDC Outputs 1x12 VDC Output*	2 x 24 VDC Outputs 1x12 VDC Output*	2 x 24 VDC Outputs 1x12 VDC Output*	2 x 24 VDC Outputs 1x12 VDC Output*
AC Outputs	--	--	2 x 220 VAC Output	--	2 x 220 VAC Output	2 x 220 VAC Output
Rated Power at 230V	--	--	300 W	--	300 W	600 W
Type of current	Sinewave					
Recharge time Max.	4 to 5 Hours					
Operating temperature	Temperatures of between -5 and +35 °C					
Weight (kg)	7 kg	11 kg	11 kg	12 kg	12 kg	14 kg
Dimensions (mm)	W 295 x D 195 x H 190	W 300 x D 400 x H 150	W 300 x D 400 x H 150	W 300 x D 400 x H 150	W 300 x D 400 x H 150	W 300 x D 400 x H 150

* Pre-wired 12 Vdc output, requires an optional converter board.

EXAMPLES OF CONFIGURATION (for information)

Configuration			 +	 +	 +	 +
	et/ou	+	 +	 +	 +	 +
			 +	 +	 +	 +
Estimated autonomy	8 h	8 h	8 h	8 h	8 h	8 h

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