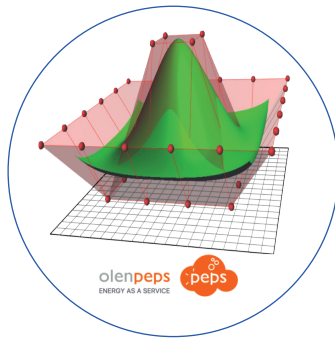




MADE IN FRANCE



WE DESIGN & PRODUCE
HIGH QUALITY LITHIUM BATTERIES



WE DEVELOP A DIGITAL PLATFORM
TO STORE, FORECAST & OPTIMIZE



WE MAKE ECO-FRIENDLY BATTERIES
IN A CIRCULAR PROCESS

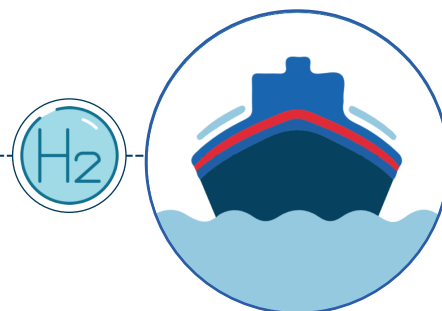


RE & STATIONARY

Objective:

Maximize cycling & performance for:

- economic gains
- ecological gains
- accelerate the insertion of RE

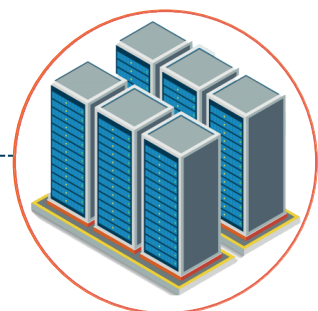


MARINE

Objective:

Maximizing the energy and its management:

- on board a sea drone
- on a maritime carrier
- for port infrastructures



CRITICAL POWER

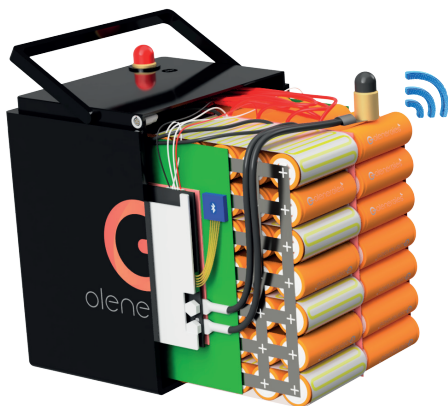
Objective:

Ensure the energy continuity:

- a datacenter
- a healthcare building
- a sensitive site


SAFE
CLEAN
SMART


SMART MONITORING



SIGNIFICANT AUTONOMY

Our batteries can be discharged almost completely without degrading 100% useful capacity!



VERY LONG SERVICE LIFE

Our systems are designed for a minimum of 4,000 cycles and up to 12,000 cycles with a service life of up to 25 years depending on the application



LIGHTWEIGHT

Our batteries are 60% lighter than a lead acid battery of the same capacity and 30% lighter than a standard LFP battery



COMPACT

Due to the high energy density, our batteries are up to 30% more compact than most other batteries



ENVIRONMENT PROTECTION

No toxic and dangerous elements, both for humans and the planet, so no cobalt and no lead



100% SECURE

The cell is intrinsically safe; no risk of fire or deflagration



NO MAINTENANCE

Our batteries are connectable to the OlenPeps digital platform allowing real-time monitoring of performance and optimization of the operation

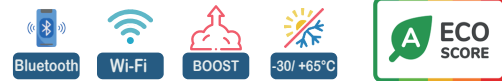


FROM -30°C TO +65°C

With our innovative "HEAT" function, our batteries are the best technological choice for extreme environments

The batteries of the OlenBox range have no rivals, they are the most innovative and efficient on the market.

6 sizes



XS S M L LMax XL

100Wh 312Wh 835Wh 1.25kWh 1.65kWh 3.33kWh

OLENBOX PROFESSIONAL RANGE - 5 YEAR WARRANTY



SERIES	VOLTAGE			ENERGY (Wh)	MAX DISCHARGE			Bluetooth	Wi-Fi	BOOST	-30/+65°C	DIMENSIONS (W*D*H cm)	WEIGHT (kg)	PRICE (exVAT)
	12V	24V	48V		C/5	I 3C	I 6C							
XS	✓	✗	✗	100	✗	✗	x	✗	✗	✗	✗	15.1*6.5*9.6	0.9	58.29 €
S	✓	✗	✗	312	✗	✗	x	✗	✗	✗	✗	18.1*7.7*16.9	2.7	249.17 €
M	✓	✓	✗	835	✗	✗	x	✗	✗	✗	✗	19.5*13.4*17.2	6.5	665.83 €
L	✓	✓	✗	1,250	✗	✗	x	✓	✓	✓	✓	25.9*15.1*17.7	9.9	999.17 €
LMax	✓	✓	✓	1,650	✗	✗	x	✓	✓	✓	✓	26*16.9*21.2	13	1,290.83 €
XL	✓	✓	✓	3,333	✗	✗	x	✓	✓	✓	✓	48.5*17*24	<28	2,390.83 €

SPECIFIC RANGE* - 2 YEAR WARRANTY

SERIES	VOLTAGE			ENERGY (Wh)	MAX DISCHARGE			Bluetooth	Wi-Fi	BOOST	-30/+65°C	DIMENSIONS (W*D*H cm)	WEIGHT (kg)	PRICE (exVAT)
	12V	24V	48V		C/5	I 3C	I 6C							
XS-UPS	✓	✗	✗	100	✗	✗	x	✗	✗	✗	✗	15.1*6.5*9.6	0.9	58.29 €
LMax-LP	✓	✓	✓	1,650	✗	x	x	✗	✗	✗	✗	26*16.9*21.2	12	1165.83 €
LMax-HP	✗	✓	✓	1,650	✗	✗	✗	✓	✓	✓	✓	26*16.9*21.2	13	1,624.17 €
XL-LP	✓	✓	✓	3,333	✗	x	x	✗	✗	✗	✗	48.5*17*24	27	2,157.50 €

*minimum order of 10 batteries

MERLIN® ECOSYSTEM



Merlin



Relay module



Smartshunt

SERIES	MOUNTING	DIMENSIONS (W*D*H cm)	WEIGHT (g)	PRICE (exVAT)
MERLIN	3M adhesive/ screws	6.2*6.2*2.1	52	165.83 €
Relay module	3M adhesive/ screws	6.7*5.1*2.4	57	79.17 €
Ethernet module	3M adhesive	3.0*2.7*3.5	28	74.17 €
GPS module	3M adhesive	4.4*3.8*1.2	55	49.17 €
MERLIN SMARTSHUNT	flaps/ screws	9.9*6.1*1.7	420	99.17 €
screen part	flaps	9.9*6.1*1.7	75	included
shunt part	screws	8.5*4.0*4.2	345	included

OLENBOX CHARGERS



Charger S 12V



Charger M 12V



Charger L 12V

It is recommended to choose a charger of the same category or lower to optimize the battery.
For example, **for an OlenBox L 12V battery you can choose a charger from the S, M or L series in 12V.**

SERIES	Voltage (V)	Amperage (A)	Power (W)	Dimensions (W*D*H cm)	Weight (Kg)	Auto Restart	PRICE (exVAT)
S-12V	12	5	75	13.5*9*5	0.8	✓	82.50 €
M-12V	12	25	365	17.3*9*6.3	1.3	✓	165.83 €
L-12V	12	40	580	22*12*7	2.1	✓	182.50 €
M-24V	24	10	290	13.5*9*5	1.0	✓	149.17 €
L-24V	24	30	870	22*12*7	2.1	✓	215.83 €
L-48V	48	12	700	17.3*9*6.3	1.3	✓	199.17 €
XL-48V	48	20	1160	22*12*7	2.1	✓	249.17 €

OLENPACK® RANGE



The OlenPack range of batteries are **powerful and very compact**.
Available in a **standard 19" rack format** for modular and plug-&-play deployment.

Available energy: **5kWh for only 8.8 cm height (2U)!**

Each pack is equipped with on-board intelligence and complete communication system.



LV SERIES
24V & 48V
PLUG-&-PLAY



HV SERIES
MASTER MODULE
400 to 900V



HV SERIES
SLAVE MODULE
2 to 24 modules per master



OLENPACK RANGE



SERIES	VOLTAGE 12V 24V 48V	ENERGY (Wh)	MAX DISCHARGE C/5 3C 6C	Bluetooth	Wi-Fi	BOOST	-30/+65°C	DIMENSIONS (W*D*H cm)	WEIGHT (kg)	PRICE (exVAT)
LV	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	5,000	x	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> *	61.9*48.2*8.8	45	3,249.17 €

*optional: « HEAT » function

SERIES	VOLTAGE 400V 600V 800V	ENERGY (Wh)	MAX DISCHARGE C/5 3C 6C	Bluetooth	Wi-Fi	BOOST	-30/+65°C	DIMENSIONS (W*D*H cm)	WEIGHT (kg)	PRICE (exVAT)
HV	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	5,000		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	61.9*48.2*8.8	45	On request

The HV series is reserved for OLENERGIES authorized professionals