



# TecSUP

## SELF-CONTAINED ENERGY BOXES

- Powerful, practical, rugged, lightweight, compact
- Ranges: Sealed lead acid, Lithium
- Specific versions adapted to the special requirements and standards of your sector of activity



**Release your Energy!**



# SELF-CONTAINED ENERGY BOXES / SEALED LEAD ACID - LITHIUM

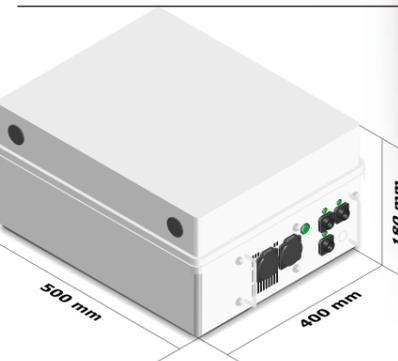
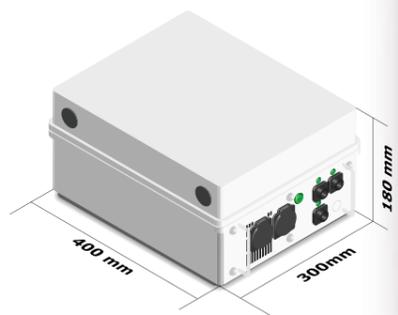
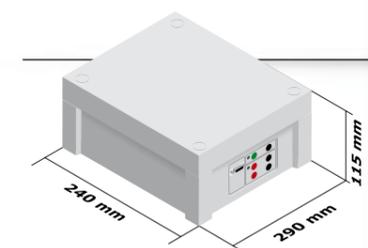
Available in Lead or Lithium versions (high-performance, longer battery service life and enhanced mobility), **TECSUP Self-contained Energy Boxes provide the electrical autonomy** required for optimised operation of all types of electrical apparatus: computer, printer, terminal, industrial instrumentation, control equipment, etc.

Their features include **energy conversion and storage, multiplexed control interfacing** within a complete, secure, flexible and easy-to-use system.

- ⊗ Front switch for simultaneous disconnection of all outputs.
- ⊗ LED display: % remaining battery capacity, charge or discharge mode, % remaining battery life.
- ⊗ Electronic and mechanical protection.
- ⊗ Charging time: 6h max.
- ⊗ Outputs: each model is available with banana clips or AMP connectors.
- ⊗ The autonomy provided by a box varies depending on the model, power and duration of use of each of the devices powered.
- ⊗ For more specific needs, the design of the battery pack, available outputs and dimensions can be custom developed.
- ⊗ CE equipment, designed and manufactured in France.



Dimensions



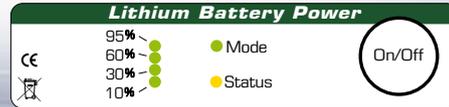
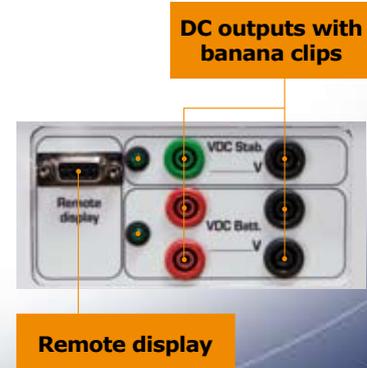
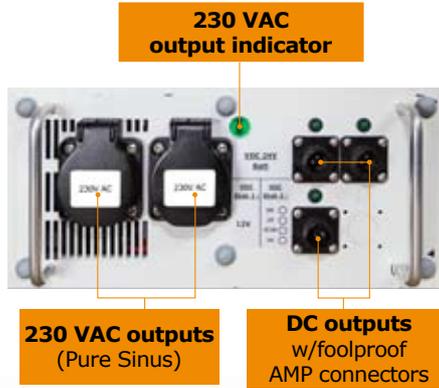
Lithium box					VDC outlets					230 VAC outlets			Lead box			
Weight Kg	References	Useful capacity	Nominal capacity	12 V batt	24V batt	12V stab 19V stab 05V stab 24V stab	Banana clips	Foolproof AMP connectors	350W	600W	1500W	Nominal capacity	Useful capacity	References	Weight Kg	
4,8	CLA TEC 3LY 000B200	250Wh	12V/20Ah 1000 cycles	2	-	1*	x	-	-	-	-					
	CLA TEC 3LY 000A200			2	-	1*	-	x	-	-	-					
	CLA TEC 3LW 000B100		24V/10Ah 1000 cycles	-	2	1*	x	-	-	-	-					
	CLA TEC 3LW 000A100			-	2	1*	-	x	-	-	-					
11	CLA TEC 3LW 000B200	500Wh	24V/20Ah 1000 cycles	-	2	1*	x	-	-	-	-	24V/28Ah 300 cycles	500Wh	CPA TEC 3MW 000B280	23	
	CLA TEC 3LW 000A200			-	2	1*	-	x	-	-	-					
12,3	CLA TEC 3LW 035B200	500Wh	24V/20Ah 1000 cycles	-	2	1*	x	-	2	-	-	24V/28Ah 300 cycles	500Wh	CPA TEC 3MW 035B280	25	
	CLA TEC 3LW 035A200			-	2	1*	-	x	2	-	-					
14,2	CLA TEC 3LW 000B300	750Wh	24V/30Ah 1000 cycles	-	2	1*	x	-	-	-	-	24V/28Ah 300 cycles	500Wh			
	CLA TEC 3LW 000A300			-	2	1*	-	x	-	-	-					
15,5	CLA TEC 3LW 035B300	750Wh	24V/30Ah 1000 cycles	-	2	1*	x	-	2	-	-	24V/28Ah 300 cycles	500Wh			
	CLA TEC 3LW 035A300			-	2	1*	-	x	2	-	-					
17,2	CLA TEC 3LW 060B300	750Wh	24V/30Ah 1000 cycles	-	2	1*	x	-	-	2	-	24V/28Ah 300 cycles	500Wh			
	CLA TEC 3LW 060A300			-	2	1*	-	x	-	2	-					
19,2	CLA TEC 3LW 000B400	1 000Wh	24V/40Ah 1000 cycles	-	2	1*	x	-	-	-	-	24V/40Ah 300 cycles	750 Wh	CPA TEC 3MW 000B400	34	
	CLA TEC 3LW 000A400			-	2	1*	-	x	-	-	-					
20,5	CLA TEC 3LW 035B400	1 000Wh	24V/40Ah 1000 cycles	-	2	1*	x	-	2	-	-	24V/40Ah 300 cycles	750 Wh	CPA TEC 3MW 035B400	35,2	
	CLA TEC 3LW 035A400			-	2	1*	-	x	2	-	-					
22,2	CLA TEC 3LW 060B400	1 000Wh	24V/40Ah 1000 cycles	-	2	1*	x	-	-	2	-	24V/40Ah 300 cycles	750 Wh	CPA TEC 3MW 060B400	36,9	
	CLA TEC 3LW 060A400			-	2	1*	-	x	-	2	-					
24,2	CLA TEC 3LW 150B400	1 000Wh	24V/40Ah 1000 cycles	-	2	1*	x	-	-	-	2	24V/40Ah 300 cycles	750 Wh	CPA TEC 3MW 150B400	38,7	
	CLA TEC 3LW 150A400			-	2	1*	-	x	-	-	2					

\*The output is pre-wired; it requires that a converter be added (optional, see overleaf). The converter is installed by the customer, without any special tools or expertise.

## Converters

References	V out (V)	I nom (A)
A 1206 CLA 11012	12	12
A 1206 CLA 11011	12	6
A 1904 CLA 12003	19	4
A 2403 CLA 13008	24	3
A 0507 CLA 13009	5	7

The number of outputs, supply voltages and connectors are determined based on the specific characteristics of the peripherals to be powered. TECSUP can customise the configuration of your boxes to meet your most specific requirements.



Control interface  
(depending on the model)

## Specialised boxes

**TECSUP ensures continuous technological and standards watch in order to adapt its boxes to the specific requirements of each activity sector. TECSUP is highly user-driven, and engineering department invests its experience and multidisciplinary expertise in developing tailor-made boxes to fit every need.**

### Example: Medical Box with Lithium batteries

Designed specifically to meet the needs of the healthcare industry, this particularly mobile, multipurpose, ergonomic and versatile box complies with medical standards and can easily integrate all types of medical carts.

#### Characteristics:

- Outputs (depending on the model): 230 VAC and 24, 19, 12 or 5 VDC
- Capacity: 250 Wh
- Power output: 230 VAC / 150 W nominal, 600 W peak
- Technology: Lithium (LiFePO4) pack
- Autonomy: depending on the power and duration of use of the equipment supplied
- Proprietary Battery Management System
- Charging time: 5h max.
- Weight: 7 kg
- Medical Certification IEC-60601-1, edition 3



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