



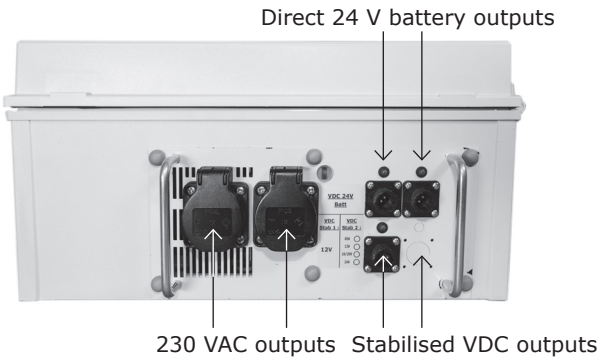
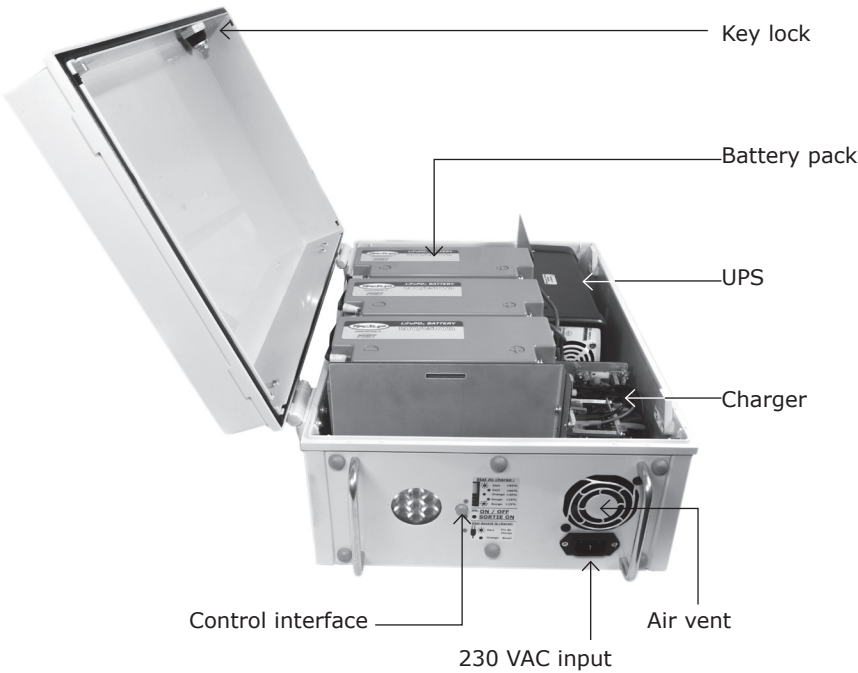
Stand-Alone Power Unit

Stand-Alone Power Unit

500 - 750 - 1000 Wh

**MANUEL D'UTILISATION
USER MANUAL**

80300179-C



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1/General presentation

CLA (Stand-Alone Lithium Power Unit with LiFePO4 lithium battery pack) and CPA (Stand-Alone Lead Power Unit with lead battery pack) are stand-alone units mounted on a movable stand for supplying electrical power to equipment.

They are of secure modular design and fully automatic. Quick and easy to install and use, they cover the ad hoc control functions your applications require.

Follow the instructions given in this manual exactly to make best use of your CLA / CPA.

There are several models in the CLA / CPA range, each having its own specific characteristics.

- Technology: lithium or lead
- Battery capacity (lithium or lead): 250 Wh, 500 Wh, 750 Wh, 1000 Wh
- Output voltages:
 - 12 or 24 VDC (unstabilised).
 - 5, 12, 15, 19, 24 stabilised VDC (other voltages can be provided on request).
 - 230 VAC pure sine, 350 or 500 W continuous power (600 W UPS) or 700 W (1500 W UPS)

This manual is for 500 Wh, 750 Wh and 1000 Wh CLA, and 500 Wh and 750 Wh CPA.

For any sale or putting into circulation or putting into in a Scandinavian country (Denmark, Finland, Sweden, Norway), a label bearing the following marking must be added to the location indicated by the illustration below .
This label is available on request from TECSUP.

Label marking :

- Sweden: Apparaten skall anslutas till jordat uttag.
- Finland: Laite on liitettävä suoja oskettimilla varustettuun pistorasiaan.
- Denmark: Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord.
- Norway: Apparatet må tilkoples jordet stikkontakt



2 / Characteristics

2.1 General characteristics

	500 Wh	750 Wh	1000 Wh
Unit ref.	CxAxxx3xWxxx2x0	CxAxxx3xWxxx300	CxAxxx3xWxxx400
Mains power input		230 VAC, 50 Hz	
Weight	See next page		
Lithium Batteries	2 x 24V/10Ah	3 x 24V/10Ah	4 x 24V/10Ah
Lead Batteries	2 x 12V/28Ah	2 x 12V/40Ah	NA
Max. charge time	lithium battery 5h, lead battery 8		
Converter	purchased separately, 5 V/12 V/19 V/24 V		
Operating temperature	-10°C / +40°C CLA charge at positive temperature		
Storage temperature	-20°C / +50°C		
IP	IP20		
IK	IK02		
EC Standard	EN61439		

2.2 CLA characteristics

CLA						VDC outputs				230 VAC outputs		
Ref	Weight	Dimensions	Usable capacity	Rated capacity	24V batt	5, 12, 19, 24 VDC stab	Banana plugs	AMP connectors	350W	600W	1500W	
CLA TEC 3LW 000B200	11	I 300 mm L 400 mm H 180 mm	500Wh	24V/20Ah 1000 cycles	2	1*	X					
CLA TEC 3LW 000A 200					2	1*		X				
CLA TEC 3LW 035B200	12				2	1*	X		2			
CLA TEC 3LW 035A 200					2	1*		X	2			
CLA TEC 3LW 000B300	14				2	1*	X					
CLA TEC 3LW 000A 300					2	1*		X				
CLA TEC 3LW 035B300	16	I 300 mm L 400 mm H 180 mm	750Wh	24V/30Ah 1000 cycles	2	1*	X		2			
CLA TEC 3LW 035A 300					2	1*		X	2			
CLA TEC 3LW 060B300	17				2	1*	X			2		
CLA TEC 3LW 060A 300					2	1*		X		2		
CLA T EC 3LW 000B400	19				2	1*	X					
CLA T EC 3LW 000A 400					2	1*		X				
CLA T EC 3LW 035B400	21				2	1*	X		2			
CLA T EC 3LW 035A 400					2	1*		X	2			
CLA T EC 3LW 060B400	22	I 400 mm L 500 mm H 180 mm	1 000Wh	24V/40Ah 1000 cycles	2	1*	X		X			
CLA TEC 3LW 060A 400					2	1*		X		2		
CLA TEC 3LW 3LW 150B400	24				2	1*	X				2	
CLA TEC 3LW 150A 400					2	1*		X			2	

*The output is pre-wired and requires a converter to be fitted.

2.3 CPA characteristics

CLA					VDC outputs				230 VAC outputs		
Ref	Weight	Dimensions	Usable capacity	Rated capacity	24V batt	5, 12, 19, 24 VDC stab	Banana plugs	AMP connectors	350W	600W	1500W
CPA TEC 3MW 000B280	23	I 300 mm L 400 mm H 180 mm	500Wh	24V/28Ah 300 cycles	2	1*	X				
CPA TEC 3MW 000A280					2	1*		X			
CPA TEC 3MW 035B280					2	1*	X		2		
CPA TEC 3MW 035A280					2	1*		X	2		
CPA TEC 3MW 000B400	34				2	1*	X				
CPA TEC 3MW 000A400					2	1*		X			
CPA TEC 3MW 035B400					2	1*	X		2		
CPA TEC 3MW 035A400					2	1*		X	2		
CPA TEC 3MW 060B400	22	I 400 mm L 500 mm H 180 mm	750Wh	24V/40Ah 300 cycles	2	1*	X			2	
CPA TEC 3MW 060A400					2	1*		X		2	
CPA TEC 3MW 150B400					2	1*	X				2
CPA TEC 3MW 150A400					2	1*		X			2

*The output is pre-wired and requires a converter to be fitted.

2.4 Electrical safety

Definition of pictograms on the product:



ELECTRICAL HAZARD:

WARNING OF THE RISK OF ELECTRIZATION OR ELECTRIC SHOCK WHEN OPENING THE BOX: EVERYONE OPENING THE BOX IS THUS INFORMED OF THE RISKS: OPENING THEREFORE REQUIRES SAFETY (product disconnection, product shutdown, zone identification dangerous voltage, verification of safety conditions: earthing, VAT, etc.)



MAIN EARTH:

BEFORE ANY OPENING OF THE BOX, BE SURE TO FIND AND CHECK THE PRESENCE OF THE CONNECTION. IF NECESSARY, CONNECT THIS EARTH SOCKET TO AN EARTH SOCKET DEEMED TO COMPLY.

Rated insulation voltage (Ui)	250 V
Rated impulse-withstand voltage (Uimp)	2.5 kV
Rated currents by circuits	Mains sockets (total for the 2 sockets): 1.5 A
	Red banana plug: 15 A total (fuse)
	Green banana plug 6 A (DC-DC with protection)
	Yellow banana plug 6 A (DC-DC with protection)
Rated peak current	Permissible mains sockets (Ipk) (total for the 2 sockets): 1.5 A
	Red banana plug: 15 A total (fuse)
	Green banana plug 15 A
	Yellow banana plug 15 A
Rated short-time withstand current Or rated conditional short-circuit current (Icc)	Mains input sockets: 3kA permissible (Icw)
Pollution level	3
Earthing system	TT
Indoor and/or outdoor installation	indoor
EMC classification	Directive 2004/108/EC
Electrical safety	Directive 2006/95/EC

3 / Installation

Before any kind of work on the unit, make sure it is disconnected from the mains.

3.1 Installation instructions

- The unit must be securely fixed to the stand/desk so that it cannot be moved.
- The on / off switch and 230 VAC input must be accessible.
- The air vents must be kept unobstructed to ensure efficient ventilation, and protected from impacts higher than IK02 rating.
- Ensure that the connectors are not squashed.

The 230 V charging plug must be accessible in order:

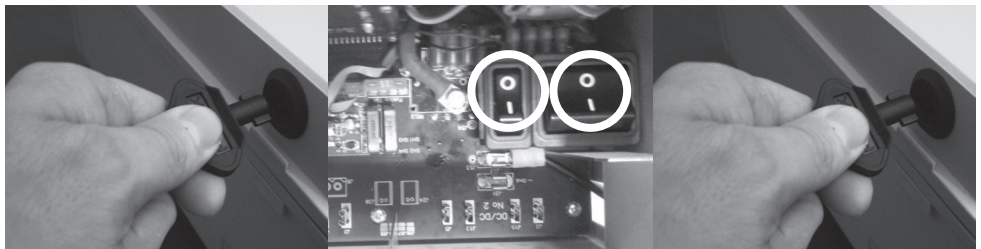
- to be able to charge the unit.
- to cut off the power of the unit if necessary: a sectioning device.

The wall socket which recharges the unit must be visible and accessible.

3.2 Commissioning instructions

Caution, the unit contains low voltage (230 VAC). B1 or H1 training is required for commissioning the unit.

1 / Flip the commissioning switch inside the unit.



1

Unlock and open the unit with the key supplied.

2.

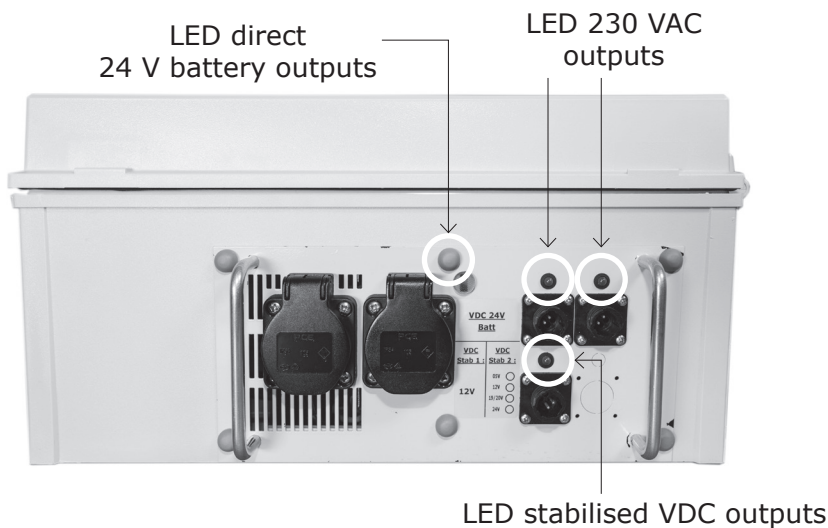
Flip the internal switch(es) on the electronic board, located near the fuses.

3

Close and lock the unit with the key.

NB:

- Depending on the model, this may be a single or double switch.
- This switch enables the batteries to be isolated from each other, and is used during commissioning, carriage of unit (See #3.4), and maintenance activities (See #6). If this switch is activated during use of unit, the unit will not learn your use profile properly.



2) Check LED indicating output power on

The LEDs for output connectors indicate, for each output, whether the output has power or not.

LED lit	Output has power.
LED unlit	Output has no power.

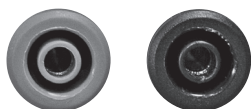
NB: if the converter is not connected, the LED will not light up.

3) Plug the connectors into the outputs

Your unit is fitted with banana plugs or AMP connectors for connection to VDC outputs. The configuration and converters installed differ according to model. One or more voltages are available for powering your electrical equipment at the appropriate voltage.

VDC outputs, banana plugs

(unit reference: CxAxxx3xWxxxBx00)



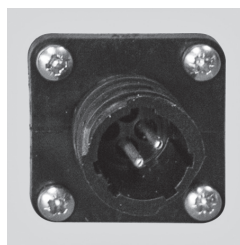
The different banana plugs are identified by colour coding. Be sure to use the correct colour for the voltages selected and polarities:

Output	Qty.	- Terminal	+ Terminal
Direct 24 V or 12 V battery outputs (depending on model)	2	Black	Red
Stabilised voltage output VDC Stab 1 (option)	1*	Black	Green
Stabilised voltage output VDC Stab 2 (option)	1*	Black	Yellow

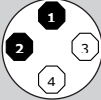
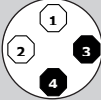

* Requiert l'ajout d'un convertisseur (cf § 4.3 Installation du convertisseur).

VDC outputs, AMP connectors

(unit reference: CxAxxx3xWxxxAx00)



AMP connectors are electrically coded. For each output, the + terminal is the one located at the top of the connector.

Output	Qty.	Diagram	Description
Direct 24 V battery output	2	 24 V output	24 V + Terminal: pin no. 1 - Terminal: pin no. 2
Stabilised VDC power output stab. 1 (option)*	1	 12 V output	12V + Terminal: pin no. 3: - Terminal: pin no. 4
Stabilised VDC power output stab. 2 (option)*	1	 X V output	x V + Terminal: pin no. 2 - Terminal: pin no. 4*

* Requires installation of converter (See § 3.3 Installing a converter). Leads for different power supplies are available from TECSUP on request.

230 VAC outputs

Some models are fitted with two 230 VAC pure sine outputs for powering your mains-operated equipment.

3.3 Installing a converter (optional)

Caution, the unit contains low voltage (230 VAC). B1 or H1 training is required for installing a converter.

Before installing a converter, make sure that:

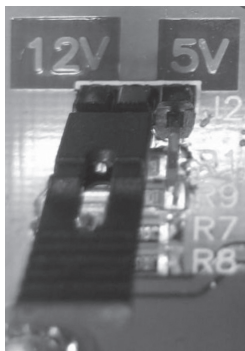
- the unit is not connected to the mains,
- the internal commissioning switch (on the electronic circuit board) is in the Off position O.

- 1 / Unlock the unit with the key supplied with it.
- 2 / A l'intérieur du coffret, deux logements notés VDC Stab 1 et VDC
Inside the unit, two housings marked VDC Stab 1 and VDC Stab 2 are located beside the panel where the outputs are located. Install the converter in its housing by sliding it downwards with the label visible, connecting it to the lower board.

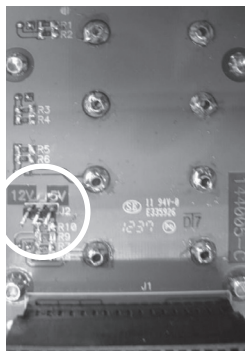
NB:

- For the VDC Stab 2 converter, the jumper (supplied in the bag containing male output plugs) must be inserted in the appropriate position for converter voltage; see photos below.
- no jumper required for 19 V / 20 V power.

Jumper supplied



12V position
(to connect to 12V
converter)



"Interface" board
on inside of panel

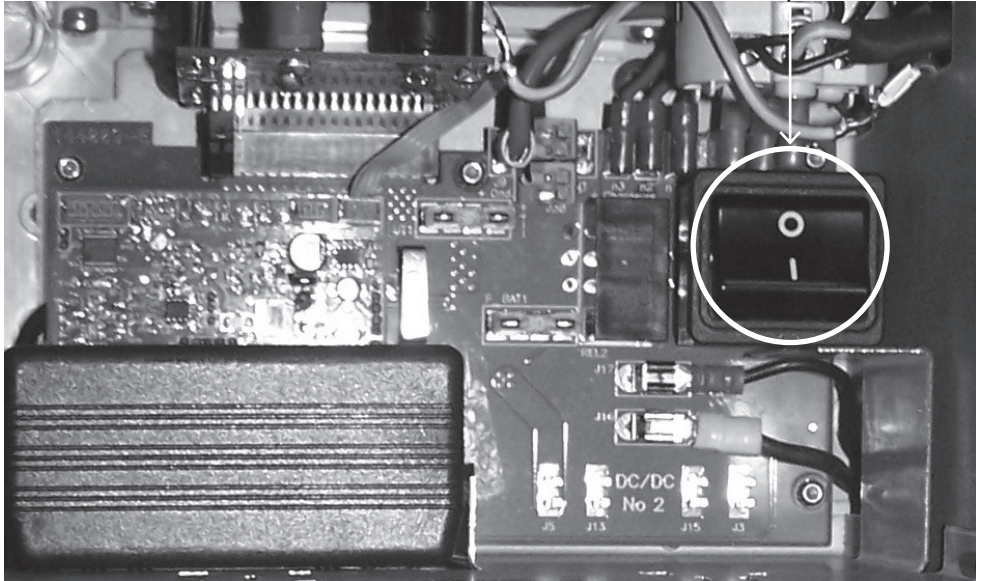


5V position
(to connect to 5V
converter)

- 3 / Note the voltage thus added on the panel
- 4 / Close and lock the unit with the key.

3.4 Carriage instructions

- **Before moving the unit, place the internal commissioning switch in the Off position O.**



- For carriage of a CLA unit, provide the carrier with information sheet 126 803 on materials and safety. Carriage procedure and information sheet model are available from TECSUP on request.

NB: units containing lithium batteries are subject to regulations for carriage of hazardous goods: UN classification: UN3481.

For further information, see document Q11108 available from TECSUP on request.

4. Use

During use, nothing need be done inside the unit. No tools or training are required to use it.

4.1 Connecting unit to mains power

Preliminary comments

- The unit must be installed and commissioned as described in the instructions in this manual.
- It must be connected to the mains using the 230 VAC power lead supplied.
- Electric installation have to be compliant with security standard: short circuit protection above 10A and below 16A , residual current device (RCD) of 30mA.

Use of charger

- CLA unit (lithium) Users can charge the unit whenever they wish, even for a short period.
- CPA unit (lead) Charging must be done when the unit has completely run out of charge and must continue until the batteries are fully charged. Incomplete charging, or charging when batteries are partially discharged, will affect battery life and therefore invalidate the warranty.
- The charger operates the whole time the power lead is connected. It can be left connected permanently at no risk to components inside the unit. Batteries will remain in optimum condition.
- Users can check battery charge status and charger status by means of the control interface for the unit (See # 4.2).

Use of unit during battery charging

- Using the unit while it is charging is not contraindicated. However, the higher the total power of the equipment being powered by the unit, the longer the battery pack will take to charge.

4.2 Control interface


The control interface is located on the front of the unit (where the air vent and charging socket are located).



Diagram	Name/Function	Description	
	Indicator	Shows charge status of battery	See (A)
	Charge status LED		
	User button	output ON/OFF Does not switch off charging.	See (B)
	Mode LED	when this LED is lit up, the outputs are powered.	
	Status LED	provides indications regarding: charger status aging malfunctions	See (C)

A / Charge status

Charge status is shown by a three-colour LED and the indicator. The indicator gives a clear visual warning when battery charge level becomes critical. Charging must be done before this happens in order to prevent automatic shutdown of the unit and the resultant interruption of power supply to outputs. The table below shows the indications provided by the LED and indicators.

LED	flashing green steady	green steady	orange steady	red steady	red flashing	red flashing	red flashing
Indicator						flashing slowly	flashing quickly
Battery charge status	> 95%	between 60 and 95%	between 30 and 59%	between 15 and 29%	between 10 and 14%	between 6 and 10%	> 95%
							

When charge is fully depleted, the unit shuts down automatically in order to preserve battery pack life. The charge status LED flashes red to warn the user that the batteries are fully depleted.


B / User button and Mode LED

The user ON/OFF button allows all connected consumers to be switched on or off at the same time. It should ideally be used during occasional pauses, in order to draw less power from the battery.

The Mode LED lights up when the user button is in the ON position.

C / LED Status

During charging, the Status LED indicates charger status as follows:

LED	orange	green	flashing green
Charger charge status	Boost charge (high power loads)	Floating charge (power regulation)	Fully charged
			

The Status LED also indicates malfunctions (See # 7) and whether the battery is still within guaranteed number of cycles or not (See # 8).

4.3 Unit out of use

- You are strongly recommended to leave the 230 VAC power lead connected permanently during idle periods, in order to prevent any risk of prolonged battery drain. This will make your unit permanently ready for use whenever needed.
- Following a prolonged period out of use, the unit must be fully charged up in order to unlock safety devices.

5. Recommendations

Electrical hazards

Caution, the unit contains low voltage (230 VAC). B1 or H1 training is required for any activity requiring the unit to be opened: commissioning, installing a converter, replacing batteries, changing a fuse, etc.

The 230V recharge plug must be accessible in order to:

- to be able to recharge the box.
- to cut the power supply of the box if necessary (severing device).

The wall socket for recharging the cabinet must be visible and accessible.

Chemical hazards (CLA - LiFePO4 lithium battery)

Refer to information sheet 126 803 on materials and safety (available from TECSUP on request). To prevent risks of overheating and, at worst, risk of LiFePO4 lithium batteries catching fire, adhere to the following instructions:

- **DO NOT CRUSH.**
- **DO NOT PIERCE.**
- **DO NOT PLACE NEAR ANY SOURCES OF INTENSE HEAT.**
- **DO NOT EXPOSE TO FLAMES.**
- **DO NOT USE IN PLACES EXPOSED TO RISK OF EXPLOSION.**
- **DO NOT POUR LIQUID INSIDE.**
- **DO NOT CONNECT TO POWER OUTPUT USING ANY LEAD OTHER THAN THE ONE SUPPLIED.**
- **FOLLOW THE INSTRUCTIONS FOR INSTALLATION AND USE.**

Procedure in the event of incident

- Evacuate everyone from the area and implement the appropriate health protection measures.
- Contact with skin: wash skin with soap and water.
- Inhalation: go outside into the fresh air and ask a doctor to check inhalation rate.
- Contact with eyes: rinse with plenty of water for at least 15 minutes and seek medical advice.
- Open up and ventilate area until fumes have dispersed.
- Use Class D fire extinguishers, inert gas fire extinguishers (e.g. argon and nitrogen blend), CO₂, powder or foam fire extinguishers.
- Place the battery (or the complete unit) inside a suitable container: V0

6. Care and maintenance

General points

No specific maintenance is required, other than the activities listed below:

- Keep the air vents and inside of the unit clean, in order to prevent breakdowns due to overheating.
- Whenever operation malfunctions make it advisable.

Battery replacement

CLA unit (lithium battery)

If the lithium battery pack for your unit needs replacing, please return to unit to TECSUP (See # 8 - After Sales Service)

CPA unit (lead battery)

The lead battery pack in your CPA unit can only be replaced by a qualified electrician trained to do so.

CAUTION: batteries are live components. In the event of short-circuit, serious burns can be caused. When handling batteries, you should remove any metal necklaces, bracelets, watches, rings or any other metal object that may conduct electricity.

Procédure :

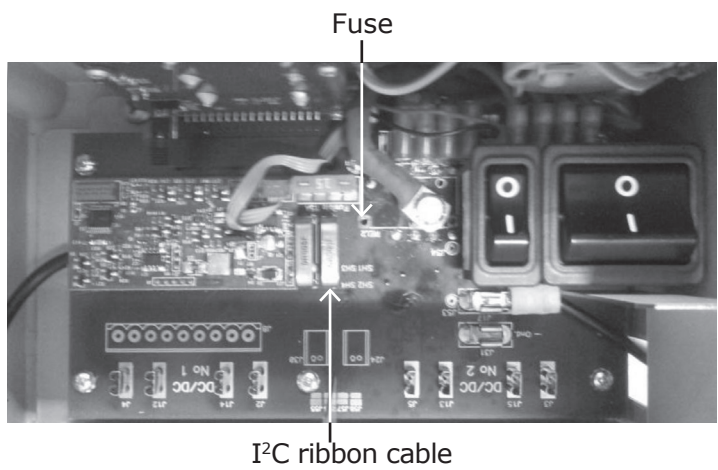
1	Use the key to unlock and open the unit
2	Flip the commissioning switch
3	Disconnect and remove the strap by releasing the two nuts
4	Disconnect the battery leads
5	Put the batteries back in place
6	Reconnect the battery leads
7	Put the strap back in place and secure
8	Flip the commissioning switch
9	Allow to charge up fully

7. 7. Malfunctions

7.1 Errors detected

If showing red, the Status LED on the control interface indicates operation malfunctions. Errors are indicated by specific flashing over a 2-second period.

Flashing frequency over 2 seconds	Malfunction	Corrective action
1 flash	Fuse box	Replace 15A/24V fuse (RS reference: 787-4120) located on lower board (inside the unit): see photo below. Caution, the unit contains low voltage (230 VAC). B1 or H1 training is required.
2 flashes	Electrical power surge	Check the power consumption of connected equipment. Press the user button to switch the unit back on
3 flashes	I2C problem (internal communication)	Reconnect the ribbon cable to the lower board. Caution, the unit contains low voltage (230 VAC). B1 or H1 training is required.
4 flashes	Powered	Put the unit on charge and press the user button to switch the unit back on.



7.2 Other malfunctions

Insufficient unit power

Battery pack capacity differs according to CLA / CPA unit model (see # 2 Characteristics). The choice and size of your unit have been made based on calculation of power and length of use required by the equipment being powered.

Diagnosis	Recommendations
Actual use consumes significantly more power than was calculated in initial hypotheses.	<ul style="list-style-type: none">• Upgrade battery capacity.• Limit the usage time of consuming equipment.
Users do not follow instructions for use: incomplete charging cycle for lead batteries (CPA), air vents blocked, mains power outage, etc.	Give training to users.
Everything is working fine, but the battery pack is obsolete. A battery is a consumable. Lead batteries (CPA) are guaranteed for 300 cycles or 1 year. Lithium batteries (CLA) are guaranteed for 1000 cycles or 3 years.	<ul style="list-style-type: none">• Lead battery (CPA): replace the battery (See # 6)• Lithium battery (CLA): 3return the unit to TECSUP so that the battery pack can be replaced.

One or more pieces of equipment are not receiving power from the unit

Diagnostics	Tecommandations
The AR connector is damaged or there is a connection error.	<ul style="list-style-type: none">• Reconnect the equipment.• Change the output (if possible).• Change the lead.
The power required by the consumer is higher than the power permitted by the electronic board (generally during priming stages).	<ul style="list-style-type: none">• Return the unit to TECSUP.
The electronic board is faulty.	<ul style="list-style-type: none">• Return the unit to TECSUP.

8. Warranty and After Sales Service

EC certification

The units comply with EC standard EN61439.

Warranty

The manufacturer warranty is valid for 2 years and covers parts and labour. It applies to all the components of the power unit except for the battery pack

CPA, lead battery pack

The batteries are guaranteed for 300 discharge/charge cycles, or 1 year. Battery duration comes into effect from the date shown on the datacode printed on the batteries on the date of delivery. This warranty is only valid if the charger is used as described in this manual (See # 4.1)

CLA, lithium battery pack

The batteries are guaranteed for 1000 discharge/charge cycles, or 3 years.

Indicator

At the bottom of the front panel, the Status LED indicates whether the number of guaranteed cycles has been exceeded or not.

After you press the ON/OFF user button, the Status LED at the bottom lights up in one of the following ways:

LED	Green	Red
Meaning (CPA, lead battery)	Cycles < 300 • within guaranteed no.	Cycles > 300 • outside guaranteed no.
Meaning (CLA, lithium battery)	Cycles < 1000 • within guaranteed no.	Cycles > 1000 outside • guaranteed no.

Excluded from the warranty are:

- Uses not described in this manual
- Mains power surges

DECLARATION C.E. DE CONFORMITE

CE

Type: Coffret d'Energie Autonome

Leftmost Latches				Surfers 40°C						Surfers 200 VAC			Rightmost Pumps			
Node kg	Reference	Capacity cyls	Capacity cyls/node	12 V bat	24 V bat	12V x88 24V x44 24V x44	Pumps Surfers	Control surfer cyls/node	200V	200V	100V	Capacity cyls/node	Capacity cyls	Reference	Node kg	
A.6	CLA TEC 310 0000100	250000	17V/3040 1000 cycles	0	0	1*	x	-	-	-	-	-	-	-	-	-
	CLA TEC 310 0004100			0	0	1*	-	x	-	-	-	-	-	-	-	-
	CLA TEC 310 0008100			0	0	1*	x	-	-	-	-	-	-	-	-	-
	CLA TEC 310 0012100			0	0	1*	-	x	-	-	-	-	-	-	-	-
F1	CLA TEC 310 0008100	800000	24V/3040 1000 cycles	0	0	1*	x	-	-	-	-	-	-	CLA TEC 310 0008100	20	
	CLA TEC 310 0012100			0	0	1*	-	x	-	-	-	-	-	CLA TEC 310 0012100		
L1.3	CLA TEC 310 0008100	800000	24V/3040 1000 cycles	0	0	1*	x	-	0	-	-	-	-	CLA TEC 310 0008100	20	
	CLA TEC 310 0012100			0	0	1*	-	x	0	-	-	-	-	CLA TEC 310 0012100		
L4.7	CLA TEC 310 0000100	750000	24V/3040 1000 cycles	0	0	1*	x	-	-	-	-	-	-	-		
	CLA TEC 310 0004100			0	0	1*	-	x	-	-	-	-	-	-		
L5.8	CLA TEC 310 0008100	750000	24V/3040 1000 cycles	0	0	1*	x	-	0	-	-	-	-	-		
	CLA TEC 310 0012100			0	0	1*	-	x	0	-	-	-	-	-		
L7.2	CLA TEC 310 0008100	750000	24V/3040 1000 cycles	0	0	1*	x	-	0	-	-	-	-	-		
	CLA TEC 310 0012100			0	0	1*	-	x	-	0	-	-	-	-		
L8.2	CLA TEC 310 0000100	1 000000	24V/3040 1000 cycles	0	0	1*	x	-	-	-	-	-	-	CLA TEC 310 0000100	34	
	CLA TEC 310 0004100			0	0	1*	-	x	0	-	-	-	-	CLA TEC 310 0004100		
	CLA TEC 310 0008100			0	0	1*	x	-	0	-	-	-	-	-		CLA TEC 310 0008100
27.8	CLA TEC 310 0004100	1 000000	24V/3040 1000 cycles	0	0	1*	x	-	0	-	-	-	-	CLA TEC 310 0004100	36.7	
	CLA TEC 310 0008100			0	0	1*	x	-	0	-	-	-	-	CLA TEC 310 0008100		
32.0	CLA TEC 310 0004100	1 000000	24V/3040 1000 cycles	0	0	1*	x	-	0	-	-	-	-	CLA TEC 310 0004100	36.9	
	CLA TEC 310 0008100			0	0	1*	-	x	-	0	-	-	-	CLA TEC 310 0008100		
34.0	CLA TEC 310 0008100	1 000000	24V/3040 1000 cycles	0	0	1*	x	-	-	-	-	-	-	CLA TEC 310 0008100	36.7	
	CLA TEC 310 0012100			0	0	1*	-	x	-	-	-	-	-	CLA TEC 310 0012100		

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After Sales Service

In the event of malfunction requiring the unit to be returned to TECSUP, carriage costs shall be paid by the user.

- For damage covered under the warranty, the equipment shall be repaired and returned free of charge.
- For repairs not covered under the warranty, the customer shall be given a repairs quote including carriage costs.

On receipt of customer agreement, usual turnaround time is approximately ten days.

Delivery address: TECSUP

Service SAV - 7, Avenue du Pré de Challes - PAE des Glaisins
74 940 Annecy-Le-Vieux – France

NB: units containing lithium batteries are subject to regulations for carriage of hazardous goods: UN classification: UN3481.

For further information, see document Q11108 available from TECSUP on request.

9. End Of Life

At the end of unit life, the customer must pay carriage costs for return of unit to TECSUP for analysis, dismantling and recycling.

In the event of end of unit life resulting from end of battery life, the batteries can be replaced (see # 6).

The guaranteed number of battery cycles then starts again.

NB: units containing lithium batteries are subject to regulations for carriage of hazardous goods. UN classification: UN3481.

For further information, see document Q11108 available from TECSUP on request.



Coffret d'Energie Autonome

Coffret d'Energie Autonome

500 - 750 - 1000 Wh

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