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Translation of the
original user guide

USER GUIDE

Pellenc power tool battery 200



READ THE USER GUIDE CAREFULLY BEFORE USING THE TOOL

56_77851_G - 03/2014



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Table of contents

INTRODUCTION	3
IMPORTANT SAFETY INSTRUCTIONS	9
GENERAL SAFETY INSTRUCTIONS FOR THE TOOL	10
SAFETY MEASURES ASSOCIATED WITH THE USE OF THE CHARGER	11
SAFETY MEASURES ASSOCIATED WITH BATTERY USE	12
SAFETY MEASURES FOR USING THE TOOL	12
BATTERY SAFETY INDICATIONS	13
DESCRIPTION AND TECHNICAL CHARACTERISTICS	13
BATTERY TECHNICAL CHARACTERISTICS	13
CHARGER TECHNICAL CHARACTERISTICS	14
CHARGING TIME (FULL CHARGE)	14
DESCRIPTION	14
USING FOR THE FIRST TIME	15
ADJUSTING THE JACKET	15
USE	15
CHARGING THE BATTERY	16
CHARGE LEVEL INDICATOR	18
REPLACING THE BATTERY	18
OUTSIDE THE WORK PERIOD	18
INCIDENTS	19
SUMMARY OF CHARGE INDICATOR AND BEEP MESSAGES	19
«PELLENC SA» TERMS OF WARRANTY AND NON-RESPONSIBILITY CLAUSE	20
SPECIAL WARRANTY CONDITIONS	21
"EC" DECLARATION OF CONFORMITY	21

INTRODUCTION

Dear Customer,

Thank you for purchasing the Pellenc power tool battery. When correctly used and maintained, this tool will give you years of satisfaction.

With more than 20 years of experience in portable electric equipment, Pellenc proposes a large range of Lithium-Ion and Lithium-Polymer powered tools intended for professional use and designed for maintenance work in green spaces, orchards and vineyards, and cleaning equipment for public roads.

Pellenc sets the stage for a new generation of tools combining the advantages of cordless electricity with the power of Lithium-Ion and Lithium-Polymer, designed for intensive, high quality work.

Increasingly quiet and compact, environmentally friendly, economically very profitable and complying with ever more strict specifications regarding ergonomics, power and autonomy, Pellenc tools prove their worth every day, whether in vineyards, orchards or for the maintenance of green spaces and public sectors. Pellenc tools are the world leader in this field.

Because of the lightweight nature and easy handling of PELLENC tools, users can work better, with less effort, without noise and faster than with heat-engine powered tools.

A single unique energy source powers PELLENC tools intended for professional use: The Ultra Lithium Battery. This revolutionary battery is available in several models, with extended work capabilities. Once purchased, this battery is compatible with most of the Pellenc Green and City Technology range of products.

«Innovation, ability to listen, quality and environmental friendliness are PELLENC priorities.»

OUR high capacity Ultra Lithium-ion BATTERIES.

PELLENC is the first and only manufacturer worldwide to propose a whole range of professional tools for Parks and Gardens, Local Collectivities, Golf Courses, Orchards, Vineyards, etc. which operate on **ultra-high capacity ternary Lithium-ion batteries**.

PELLENC has developed its own Lithium based technology in order to achieve **the best compromise between output power, autonomy, weight and ergonomics**. The result is enlightening as the Pellenc Lithium-ion technology is nearly two times more efficient than the Manganese Lithium-ion technology. Manganese Lithium-ion contains **125 Wh/kg**, while Pellenc Lithium-ion contains **250 Wh/kg**.

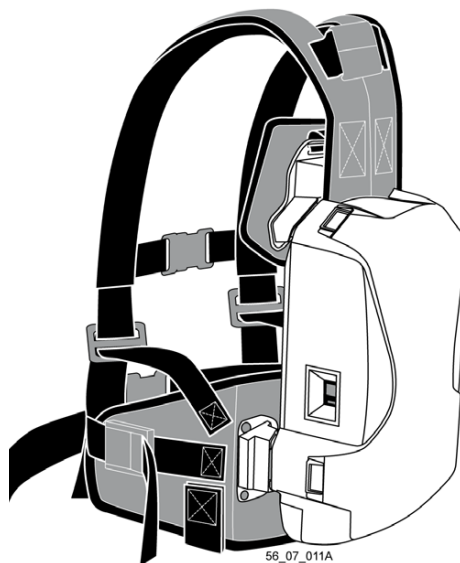
Moreover, our ultra-high capacity batteries have an **exceptional service life** which varies between 800 and 1,500 cycles (where one cycle corresponds to a full charge and discharge). Even after hundreds of days of use, the battery still reaches over 80 % of its initial capacity.

Equipped with a **patented intelligent system**, Pellenc batteries can be charged at any time without memory effect and without altering their lithium-ion components. They automatically discharge after several days of non-use in order to be stored risk free for several months.

The ultra high capacity of Ultra Lithium Batteries guarantees a **pollution free, odourless and quiet operation with a record level of autonomy**.

INTRODUCTION

For example, a PELLENC ULB 1100 battery is equivalent to over
4700 liters of gasoline and 90 liters of mixture!



Characteristics of the ULTRA LITHIUM BATTERY

- **Secure system (patented)** guarantees the preservation of your battery in the event of overloading, discharging or over-heating
- **Life system (patented):** ensures an optimum service life for your battery by protecting each of the components individually
- **Balance system (patented):** guarantees the balancing of the various battery components in order to optimise balanced operation
- **Power system (patented):** enables use of the entire range of PELLENC tools within the scope of a professional activity thanks to the restitution of the battery's maximum capacity

Advantages of the ULTRA LITHIUM BATTERY

- **Environmentally friendly** the energy used by PELLENC tools is environmentally friendly and participates in an initiative towards sustainable development. Compared to equivalent heat engine powered tools, CO2 emissions are 30 to 90 times lower.
- **Power:** PELLENC equipment ensures the user has an unequalled power supply of up to 3,000 W.
- **Savings:** the battery permits up to a full day of work at a derisory total cost.
- **Ergonomics:** PELLENC tools are very quiet and light, offering unrivalled comfort and optimal working conditions.
- **Cost-effectiveness:** the cost of your battery will be recovered in under a year of use (from 135 days). The return on investment in the battery over its service life is greater than 5,000 € thanks to the savings on fuel which is not required*.

Compatibility of our batteries with our machines:

All PELLENC multi-function Ultra Lithium Batteries can be used on all of our machines. However, we recommend the use of batteries according to the tool, in order to achieve an increased optimization of autonomy, power and weight.

* You use 5L of mixture per day at a price of €1.50 per litre.
Data calculated for the regular use of the ULiB 1100 battery.

INTRODUCTION

RECOMMENDED USE OF BATTERIES AND TOOLS ACCORDING TO THEIR POWER AND AUTONOMY*

	SPECIFIC BATTERY	MULTIFUNCTION BATTERIES				
		400	700	1100	POLY 5	OLIVION
Weight in kg (no harness nor belt)	200					
	1.9	3.4	5.5	5.9	3.4	5.5
LIXION Evolution - vineyard pruning shears	1 to 3 days					
LIXION Evolution adaptable - vineyard pruning shears		2 / 6 days	5 days	10 days	3 / 7 days	5 days
TREELION autonomous orchard pruning shears	1 to 2 days					
TREELION adaptable orchard pruning shears		3 days	4 / 5 days	7 days	3.5 days	4 / 5 days
HELION – hedge trimmer		1/2 day	Up to 1 day	Up to 2 days	1/2 day	Up to 1 day
OLIVION – olive harvester		2 to 4 hours	Up to 1 day	Up to 2 days	3 to 5 hours	Up to 1 day
CULTIVION – hoeing machine		2 to 4 hours	Up to 1 day	Up to 2 days	3 to 5 hours	Up to 1 day
SELION Pole - chainsaw		1 to 3 hours	Up to 1 day	Up to 2 days	2 to 5 hours	Up to 1 day
SELION M12 - chainsaw		1 to 3 hours	Up to 1 day	Up to 2 days	2 to 5 hours	Up to 1 day
SELION C21 HD - chainsaw		1 to 3 hours	3 to 5 hours	Up to 1.5 days	2 to 5 hours	
EXCELION 1200 – grass-cutting brush cutter		1 hour	2 to 3.5 hours	3 to 5 hours	1 to 2 hours	
EXCELION 2000 – brush cutter**			2 to 3 hours	3 to 4,5 hours	1 to 2 hours	
AIRION - blower		1 hour	2 to 3.5 hours	3 to 5 hours	1 to 2 hours	

*Battery autonomy depends on the tool, the use and the vegetation being worked.

**Autonomy calculated based on the Eco mode

 Recommended use

INTRODUCTION

OUR high output MOTORS

As well as Lithium-Ion technology, PELLENC masters the use of another: revolutionary PELLENC **electronic commutation motors**.

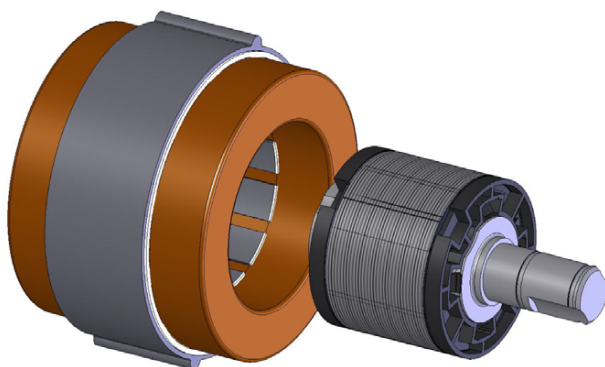
With these revolutionary motors, PELLENC has effectively rendered **the heat engine obsolete**. PELLENC intends to impose its idea of the tool for tomorrow: **powerful, light and pollution-free tools**.

Furthermore, the PELLENC technology motor is the only electric motor with as much **power output with the added advantage of being small, giving it an ideal weight**. The output of this motor is significantly higher than that of traditional direct-current motors with brushes. Friction caused by the brushes disappears, **the output of PELLENC motors is nearly 90 %**.

PELLENC motors are **Brushless motors**. This means that their service life is theoretically infinite, with only the service life of the ball bearings limiting the motor's service life. There is no **need for motor maintenance, as opposed to heat engines**.

PELLENC Brushless motors stop completely each time the trigger is pressed, on the contrary to heat engines. Therefore, sound emissions are very low to the benefit of the user and his immediate surroundings!

Finally, PELLENC Brushless motors often drive the cutting element directly (**no clutch or reduction gearbox, meaning less noise and wear**). Motor control is electronic, as is the power supply, meaning that noises linked to mechanical part movements are extremely limited.



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By using PELLENC battery and motor technology, you benefit from several advantages:

- energy savings
- ease and comfort of use
- free from motor maintenance
- power equivalent to and often higher than combustion engines
- extremely profitable tools
- lightweight
- no noise pollution or odors
- **virtually inexistent carbon emissions**
- Immediate start-up, no need for a starter.

PELLENC OFFERS TECHNOLOGY WHICH MAKES THE HEAT ENGINE OBSOLETE

INTRODUCTION

OUR RANGE OF PRODUCTS

PELLENC Green and City Technology develops new products every year in an aim to meet the requirements of professionals.

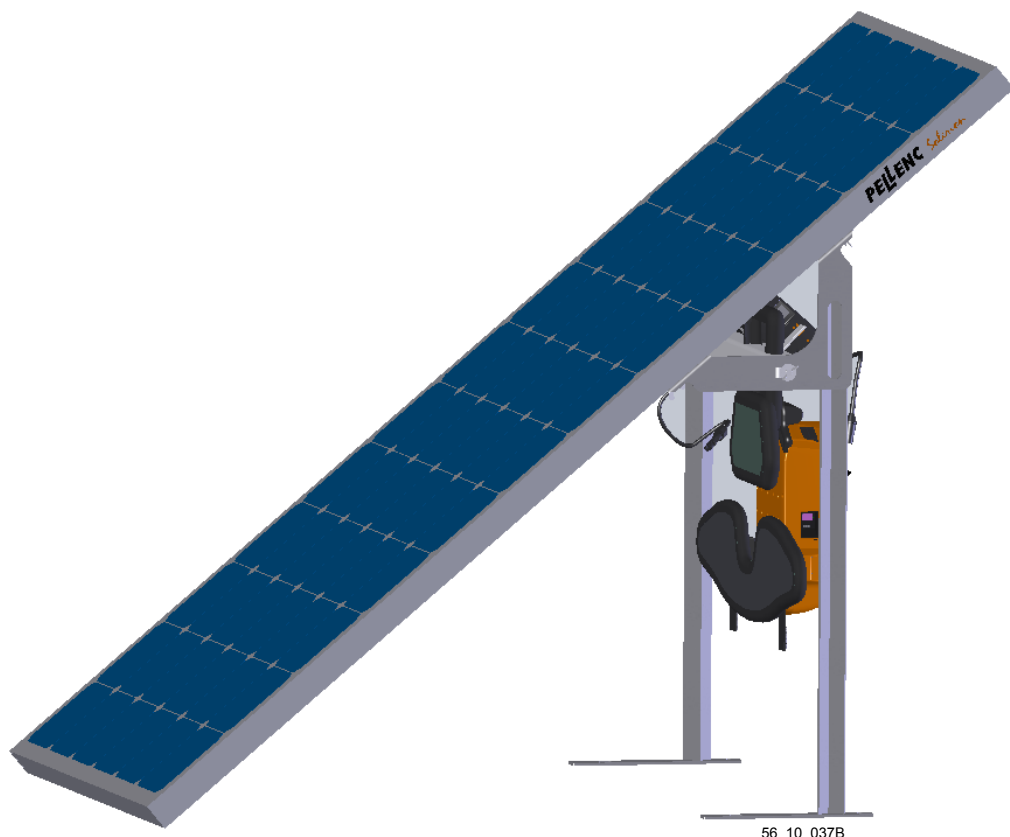
Today, our range of products is growing and our engineers are doing their utmost to create tools, thus pushing technology advances further.

Our passion is innovation, with an aim to improve the working quality and conditions for professionals by supplying a complete range of powerful, lightweight, easy-to-handle and very profitable tools:

- our blowers operate quietly with power modulation.
- our hedge-trimmers combine comfort and performance.
- our grass-cutting brush cutters are robust and multi-functional.
- our chainsaws are lightweight, powerful and very easy to handle.
- our pruning shears are the most powerful in the world.
- our hoeing machines, which are unique in the world, replace cumbersome rotary hoes.
- our olive harvesters are exceptionally efficient.
- our vine tying machine combines efficiency and profitability.
- our batteries have a very high autonomy.
- our mobile solar panel offers the possibility to charge your batteries anywhere.
- Exceptional light output of our autonomous lighting systems.

All of our tools have minimal CO2 emissions and meet the requirements of Local Collectivities or other associations in terms of a sustainable environment and ecology.

PELLENC is the only company to propose a full range of tools which are 100 % clean and with zero CO2 emissions thanks to the SOLERION solar panels which can be used to recharge our batteries.



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INTRODUCTION



Hedge-trimmer
HELION Universal



Chainsaw
SELION C20



Chainsaw
SELION M12



ULiB Battery
200 - 400 - 700 - 1100 -
POLY 5 - OLIVION



Battery converter
Power Converter 1000 W



Vineyard pruning shears
LIXION Evolution



Vineyard pruning shears
LIXION Evolution II



Orchard and green space pruning
shears
- 2 hands -
TREELION D45



Orchard and
green space pruning shears
TREELION M45



Blower
AIRION



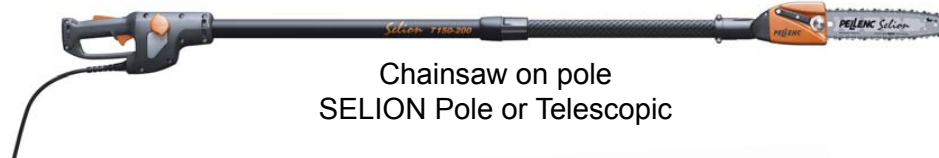
Brush Cutter
EXCELION 2000



Grass-Cutting Brush Cutter
EXCELION 1200



Hoeing machine
CULTIVION



Chainsaw on pole
SELION Pole or Telescopic



Hedge-trimmer on pole
HELION Pole or Telescopic



Olive harvester
OLIVION Pole or Telescopic



Lighting system
LUMENION

INTRODUCTION



ENVIRONMENTAL PROTECTION

Your equipment comprises numerous materials which can be valorised or recycled. Entrust these to your reseller or to an approved service centre so that they can be processed.



Comply with the regulations in force in your country as concerns environmental protection associated with your activity.



IMPORTANT SAFETY INSTRUCTIONS



KEEP THESE INSTRUCTIONS

This manual contains important information and operating instructions for the ULiB 200 battery model.

Before using the battery, read all instructions and warnings featured on the battery charger, the battery and the product using the battery.


Always comply with the instructions and illustrations in the manual.

- The Pellenc power tool battery is a professional tool reserved exclusively for compatible Pellenc tools.
- PELLENC declines all responsibility in case of damage caused by improper use and use other than for which it is intended.
- PELLENC also declines all responsibility in case of damage caused by the use of non-genuine parts or accessories.

All through this user guide you will find advisory notes and information entitled: **REMARK, CAUTION / WARNING**.

A **REMARK** provides additional information, clarifies a point or explains a step to be followed in detail.

The **CAUTION** and **WARNING** advisories are used to define a procedure which, if neglected or incorrectly performed, may lead to serious damage to the equipment and/or personal injury.

This advisory:  indicates that if the procedures or instructions are not complied with, any damage will not be covered by the warranty and the owner will be responsible for the repair costs.

Safety indications are also given on the tool; they remind you of the safety precautions to be taken. Identify and read these indications before using the tool. Immediately replace any indications that may become partially illegible or deteriorated.

Refer to the «SAFETY INDICATIONS» heading in order to identify the location of the safety indications on the tool.

No part of this manual may be reproduced without the written consent of PELLENC. The technical characteristics and the illustrations given in this manual are for information purposes and are in no way contractual. PELLENC reserves the right to make any modification or improvement to its products as deemed necessary without informing customers already in possession of a similar model. This manual forms an integral part of the tool and must accompany the tool if it changes hands.

KEEP THESE INSTRUCTIONS

GENERAL SAFETY INSTRUCTIONS FOR THE TOOL



CAUTION Read all the safety measures and all the instructions.
Retain all the safety measures and instructions for later reading.

This device is not intended for use by anyone (including children) with reduced physical, sensory or mental capabilities, nor by anyone lacking in experience or knowledge, except if they are supervised or have received prior instructions from a person responsible for their safety.

WORK AREA SAFETY

- 1**– Keep the work area clean and well lit.
- 2**– Do not use electric tools in an explosive atmosphere, for example in the presence of flammable liquids, gases or dust.
- 3**– Keep children and persons present away when using the tool.

ELECTRICAL SAFETY

- 1**– Never modify the connector or any other part of the device in any way whatsoever.
- 2**– Do not expose the device to rain or damp conditions.
- 3**– Do not misuse the power cord. Never use the power cord to carry, pull or disconnect the device. Keep the power cord away from heat, lubricant, sharp edges or moving parts.
- 4**– If the input and/or output cords are cut or damaged, bring the entire device back to the authorised distributor where it was purchased.
- 5**– Do not introduce any metal objects into the device such as paper clips, coins, keys, nails, screws or other small metal objects likely to short circuit its components.
- 6**– Do not immerse the device in water.

PERSONAL SAFETY

- 1**– Remain vigilant, watch what you are doing and use common sense when using the device. Do not use the device if you are tired or under the influence of drugs, alcohol or medication.

MAINTENANCE AND UPKEEP

- 1**– Have the device serviced by an approved PELLENC dealer, using only identical spare parts.

SAFETY INSTRUCTIONS

SAFETY MEASURES ASSOCIATED WITH THE USE OF THE CHARGER

- 1–** When in operation, the charger's temperature can reach 60 °C (140 °F). No flammable material must be within 1.5 metres (4.92 ft) of the charger and battery.
- 2–** Place the charger out of children's reach and onto a non-combustible support.
- 3–** Do not interfere with its cooling cycle.
- 4–** The charger supplied with the battery is designed to recharge the battery. Do not charge non-rechargeable batteries.
- 5–** The charging location must be equipped with a class D fire extinguisher (for metal fire) in good working order.
- 6–** If the output cord is cut or damaged, bring the entire charger back to the authorised distributor where the tool was purchased.
- 7–** Only recharge using the charger indicated by the manufacturer. A charger adapted to one type of battery unit may present a fire risk if used with a different battery unit.
- 8–** This charger is designed to charge the batteries of Pellenc's lithium tools.
- 9–** Do not use it for any other purposes.
- 10–** Children must be supervised to ensure they do not play with the charger.
- 11–** Verify that the cable cannot be folded and does not touch hot surfaces or sharp edges.
- 12–** Ensure good ventilation during the charge.
- 13–** Never cover the charger.
- 14–** This charger must not be used outdoors.
- 15–** Make sure the power connector is not exposed to water.
- 16–** Never charge a damaged battery.
- 17–** Grid connection must comply with national electrical regulations (EN60204-1).
- 18–** Check the cable of the charger before using it. Never use the charger if the cable is damaged
- 19–** When the battery is charging, place the charger on a non-flammable support, more than 1.5 m (4.92 ft) away from any flammable object.

SAFETY MEASURES ASSOCIATED WITH BATTERY USE

- 1–** If not using the battery unit, store it away from other metal objects such as paper clips, coins, keys, nails, screws or other such small metal items that might form a connection between the two terminals. Creating a short-circuit between the battery terminals can lead to burns or cause a fire.
- 2–** Keep the battery out of the reach of children and place it on a non-combustible support.
- 3–** Do not interfere with its cooling cycle.
- 4–** Do not use or leave the battery near a heat source ($> 60^{\circ}\text{C}$ or 140°F).
- 5–** Do not leave the battery in direct, strong sunlight.
- 6–** Do not expose the battery to microwaves or high pressure.
- 7–** Do not immerse the battery in water.
- 8–** The batteries must be charged in a dry, ventilated room at a temperature between 10°C (50°F) and 25°C (77°F) maximum, away from any moisture.
- 9–** If the battery is not used for 4 days, it discharges automatically to prepare for storage. During this phase it will become warm.
- 10–** Over time, the capacity of your battery reduces. When it reaches half of its original autonomous operating time, it should be replaced.
- 11–** The battery may lose 1 to 4 % of its capacity when exposed to a temperature higher than or equal to 55°C (131°F) for one week.
- 12–** The charging location must be equipped with a class D fire extinguisher (for metal fire) in good working order.
- 13–** If the whole tool or the battery is to be shipped somewhere: comply with the applicable standards. The battery is a classified product: UN3091 class 9 packaging group 2.
- 14–** Use of a battery other than that provided by Pellenc SA is dangerous (risk of serious injury). If a different battery is used, Pellenc SA cannot be held responsible for any consequences.
- 15–** The battery must be protected from any impact and must be positioned and secured appropriately during transportation.
- 16–** In the case of suspicious smoke, place the battery outside the charging area or transportation vehicle as far away as possible from any inflammable material.
- 17–** Never store a battery when its capacity is below 45 %. Recharge it before storage if the value is below 45 %.
- 18–** Under inappropriate conditions, liquid may leak from the batteries; avoid any contact. In the event of accidental contact, rinse with water. In the event of contact with eyes, seek professional medical help. The liquid leaking from the batteries can cause irritations or burns.
- 19–** Pellenc power tools must only be used with the battery units designed for the purpose. Use of other battery units can present a risk of injury and fire.
- 20–** Only recharge using the charger indicated by the manufacturer. A charger adapted to one type of battery unit may present a fire risk if used with a different battery unit.
- 21–** Do not use the battery for any purpose other than that initially envisaged (exclusively for use with Pellenc tools).
- 22–** At the end of its life, the battery must be returned to the authorized distributor from whom it was purchased to be recycled in accordance with waste regulations.
- 23–** Fragile case, contains an electronic board and lithium.



SAFETY MEASURES FOR USING THE TOOL
Refer to tool's manual.

BATTERY SAFETY INDICATIONS

Do not expose to rain.



Read the user manual.

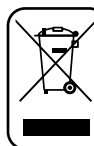


This equipment must be used at a temperature of between -5°C (23 °F) and +35°C (95 °F).



Lithium-ion battery.

At the end of its life, the battery must be returned to the authorized distributor from whom it was purchased to be recycled in accordance with waste regulations.




Pruner and battery comply with CE standards.



The charger supplied with the tool is exclusively designed to recharge the lithium-ion battery.

A utiliser uniquement avec le chargeur de batterie PELLENCE modèle CB5022, CB5012

200 battery

BATTERY
44V 
4.4Ah
190Wh


REFERENCE
71798



A utiliser uniquement avec le chargeur de batterie PELLENCE modèle CB5022, CB5012
Usar sólo con el cargador de batería PELLENCE del modelo CB5022, CB5012
For use only with PELLENCE's battery charger model CB5022, CB5012
Nur zur Verwendung mit dem Ladegerät Modell PELLENCE CB5022, CB5012
Só usar com o carregador de bateria PELLENCE CB5022, CB5012 modelo
Per l'utilizzo solo con il caricabatteria modello PELLENCE CB5022, CB5012

DESCRIPTION AND TECHNICAL CHARACTERISTICS

BATTERY TECHNICAL CHARACTERISTICS

Battery	200
Nominal battery voltage	44V 
Type of battery	12 times 2 elements included in 1 pack
Battery capacity	4.4 Ah
Battery power	190 Wh
Autonomy	Depending on the tool
Weight of the battery unit	1.8 kg (3.97 lbs)

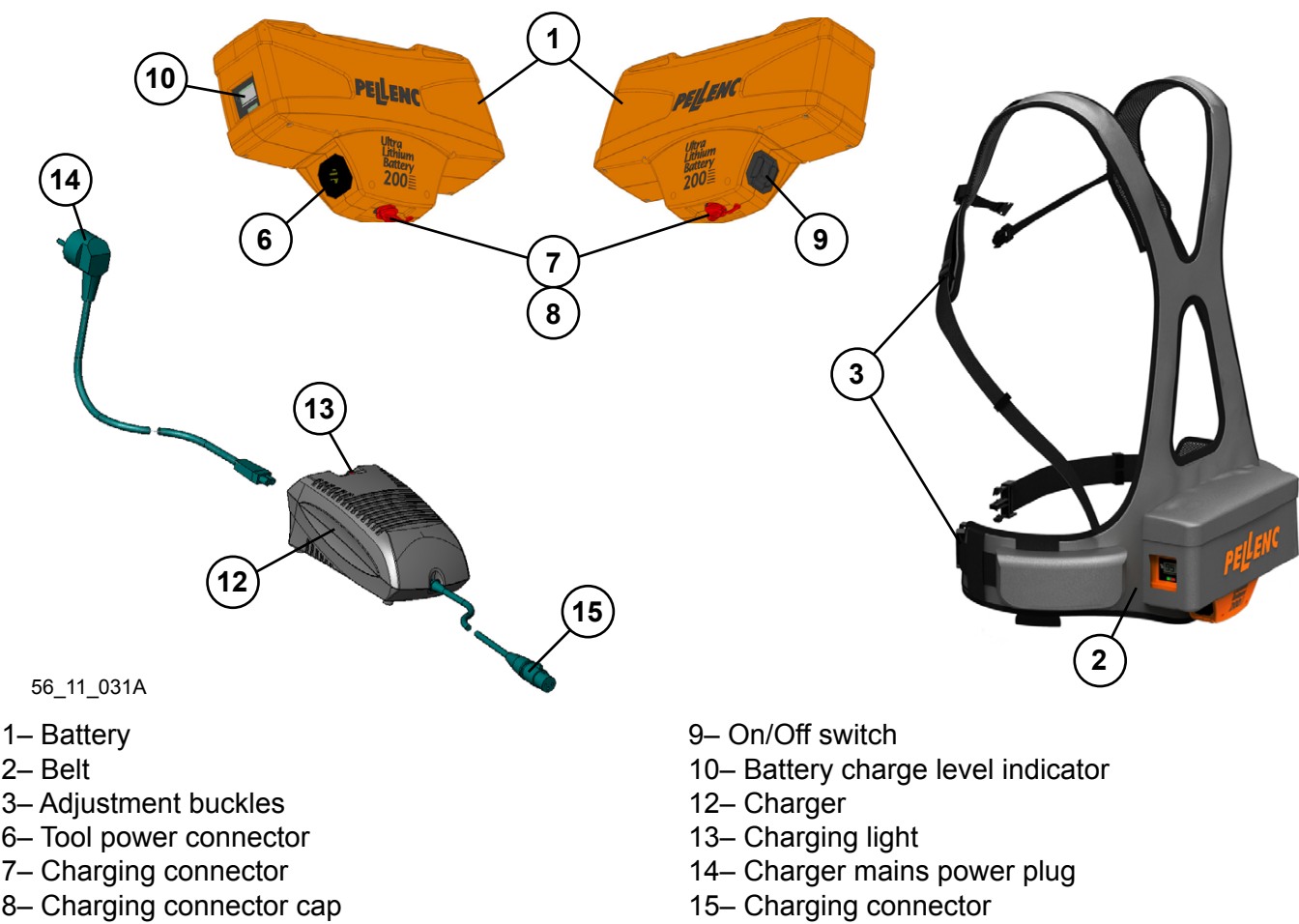
CHARGER TECHNICAL CHARACTERISTICS

	CB5012 charger	CB5022 Charger
Commercial reference of the charger	62398	60026
Voltage	100-240V ~ 50/60Hz 75W class II	100-240V ~ 50/60Hz 140W class II
Charging voltage	50.2 V dc	
Charging current	1.2A dc max.	2.2A dc max.

CHARGING TIME (FULL CHARGE)

Battery		200
CB5012 charger (1.2 A)	90 %	3h40
	100 %	5 h
CB5022 Charger (2.2 A)	90 %	2h
	100 %	3h

DESCRIPTION



USING FOR THE FIRST TIME

Before using the battery for the first time, it must be fully charged (99% steady).

(Refer to the battery charging chapter on page 16)

1– Remove the battery and belt from their packaging.

2– Position battery casing (1) on the belt so that connector (6) is on the left-hand side or right-hand side of the pack depending on whether you are left-handed or right-handed.

3– Check that the On / Off switch (9) is in the off position «0» (red part not visible).

4– Connect the tool power lead to the battery connector.

ADJUSTING THE JACKET

1– Put the jacket on.

2– Using the buckles (3), adjust the length of the belt so that it rests on your hips.

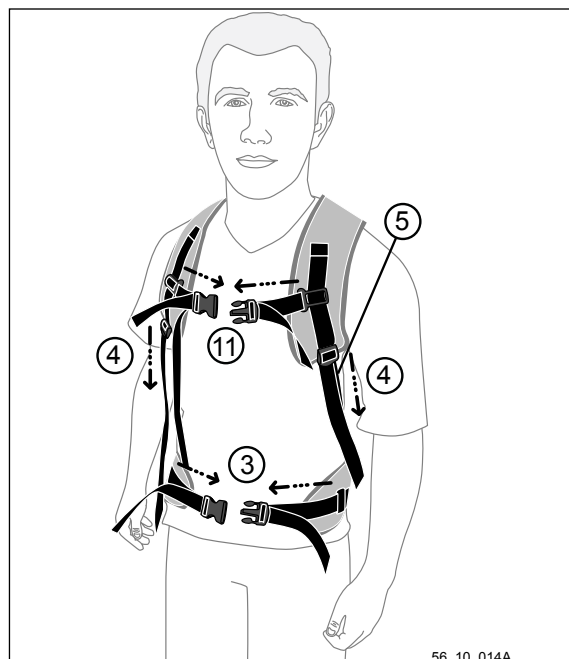
3– By pulling the straps (4) downwards, adjust the height of the shoulder straps so that the retaining straps (5) are half taut.

4– Adjust the pectoral adjustment buckle (11) to hold the shoulder straps in position.



WARNING!

To protect your back, take the time to adjust the jacket correctly.



USE

1– To save the battery power and to ensure maximum endurance of the pruning shears, we advise you to keep the blades closed and to open them only to the size of the wood to be cut.

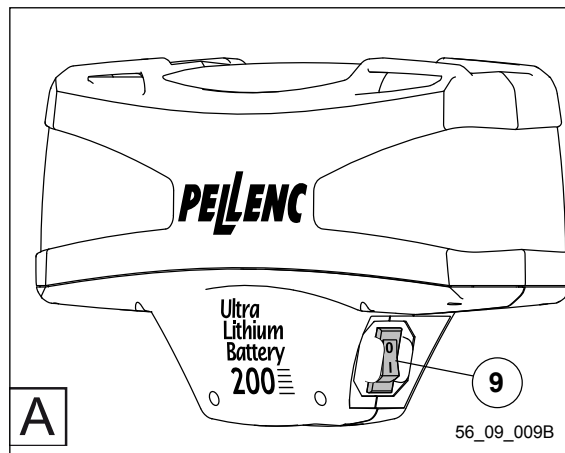
2– The battery is discharged when charge level indicator (10) shows 0 %.

CHARGING THE BATTERY

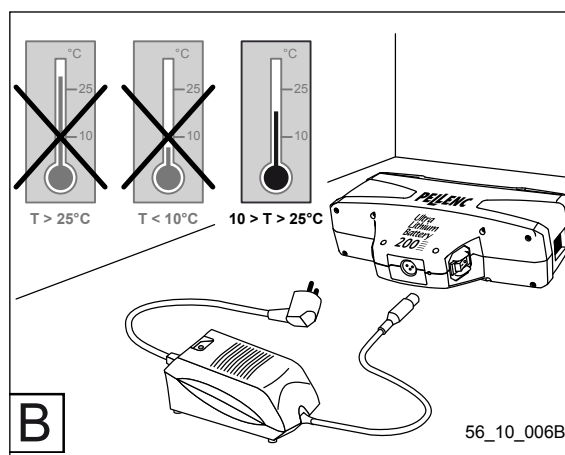
When the battery is discharged, the tool stops automatically; the charge level indicator **(10)** indicates 0 % and the buzzer beeps intermittently (see «MESSAGE TABLE» on page 19).

A. Set the On / Off switch **(9)** immediately to the off position «0».

Before using the battery for the first time at the start of a new season, it must be fully charged (99% steady).



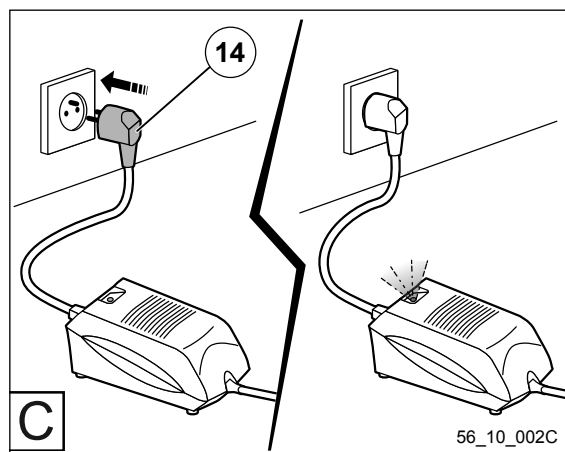
B. Place the charger and the battery in a dry ventilated area, at a temperature of between 10 °C (50 °F) and 25 °C (77 °F) and protected from dust. Lay the battery in the horizontal position.



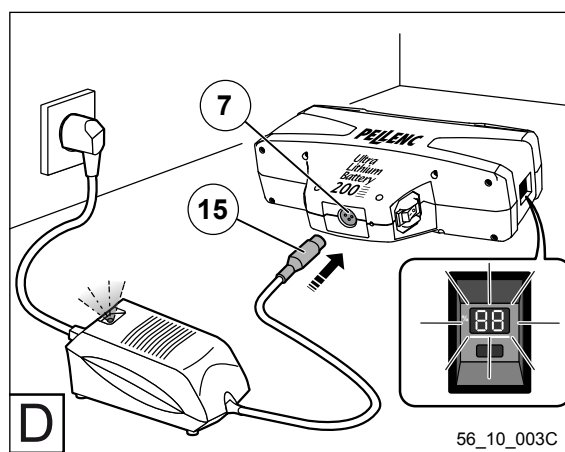
CAUTION:

Before plugging the charger into the mains, make sure that the mains supply corresponds to the rating indicated on the charger (see «Characteristics» p. 13).

C. Connect the mains plug **(14)** of the charger to the electrical mains. The charger's green light comes on.

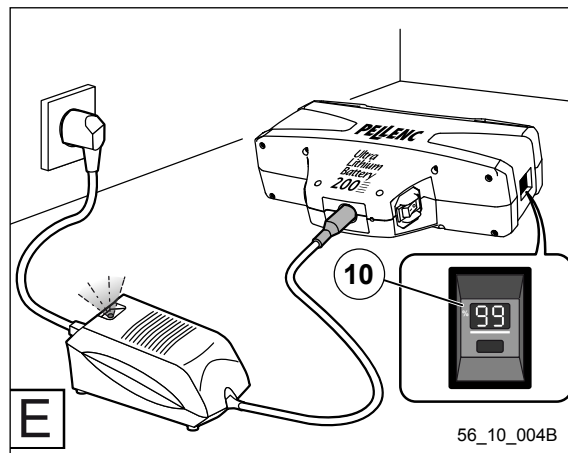


D. Connect the charging lead **(15)** to the battery charging connector **(7)**.



CHARGING THE BATTERY

E. When the charge level indicator **(10)** flashes, the battery is charging. Charging is complete when the charge level indicator **(10)** reads 99 steady.

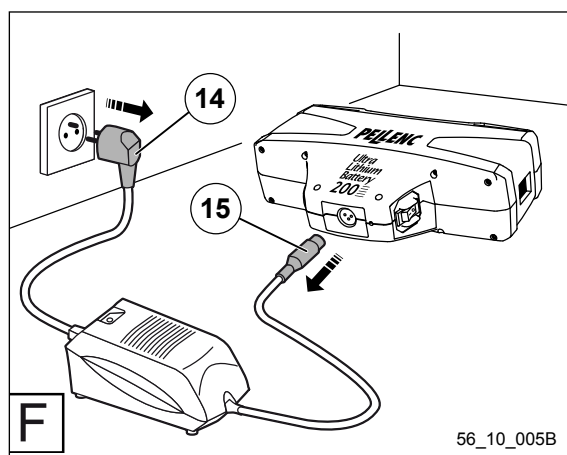


F. Once the battery is charged, disconnect **the charging lead** on the battery first **(15)**, then the charger power connector **(14)**.

NOTE

After a long storage period (new battery, winter storage etc.), when you disconnect the charger, the charge level indicator may display a value of less than 99 %.

This is a normal phenomenon which can reoccur for up to 5 charge cycles with normal use between each charge.



CHARGE LEVEL INDICATOR

The battery is equipped with a charge level indicator which indicates the charge remaining in the battery. The charge indication is expressed as a percentage.

- The charge level indicator reads 99 when the battery is fully charged.
- If the charge level indicator reads 55 after a day's work, it is not necessary to recharge the battery for the next day's work.
- If the charge level indicator reads 00 or close to this value, the battery must be recharged straight away.
- The charge level indicator can be compared with a fuel gage on a motor car.
- When the tool is being used, the indicator indicates the power consumption of the electric motor.

REPLACING THE BATTERY

The battery must only be replaced by an authorized distributor.

OUTSIDE THE WORK PERIOD

- Store the "battery" unit and its charging device in a place away from any heat, dust or dampness, and ensure that the switch (9) is on the "0" off position.
- Never store the battery at an ambient temperature greater than +45 °C (113 °F).
- **To conserve the service life of the battery and to prevent its deterioration, it is essential to store it in the charged state and to recharge it every 10 months when it is not used.**
- Do not operate the switch during the storage period.
- In order to ensure the battery's long service life it must be stored in a dry and temperate area between 0 °C (32 °F) and 25 °C (77 °F).
- No flammable object must be placed within 1.5 meters (4.92 ft) of the battery.
- The charger requires no maintenance.
- Disconnect the charger prior to cleaning it. Clean the charger casing using a wet cloth and mild detergent.
- If the battery is not used for 4 days, it discharges automatically to prepare for storage. During this phase it will become warm.

INCIDENTS

SUMMARY OF CHARGE INDICATOR AND BEEP MESSAGES	
NORMAL MESSAGES	
<i>USAGE</i>	
88 fixed	Battery charge level (0 to 99)
00 with 1 beep per minute	Battery empty, recharge immediately
00 flashing with 1 beep every 10 seconds	Stop using, recharge immediately
<i>CHARGING</i>	
88 flashing every 4 seconds	Battery charge level (0 to 99)
99 fixed	Charging complete
<i>STORAGE</i>	
88 flashing	Standby mode after 4 days of non-use (40 to 99)
Indicator off	Goes into storage after 7 days of non-use or voltage too low
DEGRADED MODE MESSAGES	
<i>USAGE</i>	
°C and 55 alternating	Stopping the tool: battery temperature too high
Long beep and 1 short beep	Stopping the tool: intensity too high
Long beep and 4 short beeps	Stopping the tool: tool temperature too high
<i>CHARGING</i>	
°C and 00 alternating	Charge interrupted: battery temperature too low
°C and 45 alternating	Charge interrupted: battery temperature too high
FAULT MESSAGES	
<i>USAGE</i>	
88 and beep every 2 minutes for 24 hours	Voltage too low after 3 hours of non-use. Recharge battery immediately
<i>CHARGING</i>	
Pb and bR alternating and continuous beep	Battery problem
Pb and CH alternating	Charger problem

If your tool no longer operates:

- 1– Set the switch (9) to the off position «0».
- 2– Check the battery charge level on the indicator.
- 3– Check that the lead is connected correctly and that the thumbwheel is tightened.
- 4– Set the switch (9) to the on position «I». Press the operating trigger and the safety trigger (depending on the tool).
- 5– If the tool still does not operate, return the assembly in its original packaging to an authorized repair station.

NEVER ATTEMPT TO OPEN EITHER OF THE «BATTERY» PACK OR CHARGER COMPONENTS (you may damage them, and in particular, you will lose the benefit of the warranty).

«PELLENC SA» TERMS OF WARRANTY AND NON-RESPONSIBILITY CLAUSE MACHINE RANGE FOR OEP

In the event of failure of a mechanical part and subject to normal, rational use and maintenance in compliance with the maintenance manual, **PELLENC sa guarantees its products for a period of ONE YEAR** as of delivery; this time shall not exceed a period of 18 months following departure from the factory of the equipment under warranty : on one hand in accordance with the conditions stipulated in the warranties of PELLENC sa and on the other hand subject to the delivery report indicating the commissioning date was made known to PELLENC sa.

In the event of an accident and total or partial destruction of the product, PELLENC sa's warranty can only be granted, and their responsibility engaged, if the party claiming the warranty can provide technical proof specifying the origin of the accident, a defect in materials or a structural defect and the product components which are the cause of it.

This contractual warranty excludes any other responsibility of PELLENC sa, whether implicit or explicit. For this reason, the responsibility of PELLENC sa can not exceed the limits defined above and covers, to a limited extent, repair **or** replacement, as chosen by PELLENC sa, of parts recognized to be defective and, when applicable, the labour required to perform the repair or replacement on the basis of warranty time as defined by PELLENC sa.

Any maintenance or repair work whatsoever carried out during the warranty period shall mandatorily be performed by PELLENC sa or by a PELLENC sa authorized dealer, under penalty of forfeiture of the warranty.

All costs arising from the immobilization, movement, approach and transport shall be, in all events, for the sole account of the purchaser.

As concerns parts or equipment that are not manufactured by PELLENC sa, in particular ball screw, battery, etc., the warranty is limited to that of the suppliers to PELLENC sa. Normal wear parts worn out as the result of use are never under warranty.

PELLENC sa and the authorized dealer shall not be liable in the following cases:

- Malfunctions due to faulty servicing, user inexperience or abnormal use.
- Failure to perform overhauls and checks in accordance with manufacturer's instructions.
- Replacement of genuine parts or accessories with parts of accessories of another origin, or when the machine sold has been transformed or modified.

This warranty is explicitly limited to the terms defined above. **PELLENC sa shall not be liable, under any circumstances, for payment of any indemnity for any reason whatsoever.**

However, it is specified, in compliance with the provisions of decree No. 78.464 dated March 24th 1978, that this contractual guarantee does not replace the legal guarantee which obliges the seller to guarantee the buyer against the consequences of defects or hidden defects of the object sold.

SPECIAL WARRANTY CONDITIONS

PELLENC s.a. guarantees its motor for a period of **THREE YEARS** from the date of delivery.

PELLENC s.a. guarantees the battery for a period of **THREE YEARS** from the date of delivery, on the condition that:

- the number of recharging operations does not exceed 100 per year,
- the battery charging capacity has not exceeded 1 000 000 mAh since it was put into service,
- the battery is used at a temperature of between -5 °C and +35 °C (+23 °F and +95 °F),
- the battery is charged at a temperature of between +10 °C and +25 °C (+50 °F and +77 °F),
- the battery has not been heavily discharged,
- the average consumption does not exceed 350 mA.

"EC" DECLARATION OF CONFORMITY

(ONLY CONCERNS EUROPE)

MANUFACTURER	PELLENC S.A.
ADDRESS	QUARTIER NOTRE-DAME ROUTE DE CAVAILLON - B.P. 47 84122 PERTUIS CEDEX – FRANCE

PERSON/ENTITY AUTHORISED TO COMPILE THE TECHNICAL DOSSIER	PELLENC S.A.
ADDRESS	QUARTIER NOTRE-DAME ROUTE DE CAVAILLON - B.P. 47 84122 PERTUIS CEDEX – FRANCE

WE HEREBY DECLARE THAT THE EQUIPMENT HEREINAFTER REFERRED TO AS:

GENERIC DENOMINATION	BATTERY
FUNCTION	INTENDED FOR POWERING HAND-HELD ELECTRIC PELLENC TOOLS
COMMERCIAL NAME	ULTRA LITHIUM BATTERY
TYPE	Li-Ion Battery
MODEL	200
SERIAL No.	

COMPLIES WITH THE PROVISIONS OF THE FOLLOWING EUROPEAN DIRECTIVE:

- ELECTROMAGNETIC COMPATIBILITY 2004/108/CE

THE FOLLOWING HARMONISED EUROPEAN STANDARD HAS BEEN USED:

- NF EN 62133 (08/2013)

THE CHARGER COMPLIES WITH THE FOLLOWING STANDARDS :

- EN 60335-1 : 2012
- EN 60335-2-29 : 2004+A2 : 2010
- EN 62233 : 2008
- EN 55014-1 : 2006+A1 : 2009+A2 : 2011
- EN 55014-2 : 1997+A1 : 2001+A2 : 2008
- EN 61000-3-2 : 2006+A1 : 2009+A2 : 2009
- EN 61000-3-3 : 2013

CONCLUDED AT PERTUIS, DATED 03/03/2014

ROGER PELLENC

CHIEF EXECUTIVE OFFICER



