

CONVERTER CONVERTOR 12V/42V

Operating instructions

158681-B 11/2024

READ THE USER OPERATING GUIDE CAREFULLY BEFORE USE







www.pellenc.com





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1. INTRODUCTION

Dear Customer,

Thank you for purchasing your Converter Convertor 12V/42V . Properly used and maintained, this equipment will give you years of satisfaction.



Warning

In accordance with product liability laws, we are not responsible for damage caused by our product if the product includes an accessory that is not from the manufacturer or is not approved by the manufacturer. The use of any other accessory may increase the risk of injury.



Warning

Your device contains numerous recoverable or recyclable materials. Return it to your dealer or, failing this, to an approved servicing centre to be treated.



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



Warning

It is imperative that you read through the ENTIRE user's manual guide before using or servicing the tool. Always comply with the instructions and illustrations in the manual.

Throughout the user's manual guide you will find advisory notes and information entitled: NOTE, IMPORTANT, ATTENTION and WARNING.

Points marked "NOTE" indicate additional information.

Points marked "IMPORTANT" warn the user of a potential risk for the equipment.

Points marked "CAUTION" warn the user of a potentially hazardous situation which if not avoided may result in minor injuries.

Points marked "WARNING" warn the user of a potentially hazardous situation which if not avoided may result in serious injury or death.

The warning indicates that damage resulting from failure to comply with the procedures and instructions is not covered by the warranty and the owner will be liable for any repair costs.

Safety signs on the tool also indicate the safety precautions to be observed. Locate these signs and read them before using your machine. Any partially illegible or damaged sign should be replaced immediately.

Refer to 2.3. Safety signage, page 5 for the location diagram of the safety stickers affixed to the tool.

No part of this manual may be reproduced without the written permission of the PELLENC company. The illustrations provided in this manual are for information purposes only and are in no way contractual. The PELLENC company 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.

2. SECURITY

- The Converter Convertor 12V/42V is a professional tool whose use is reserved exclusively for working with Olivium or Olivion PELLENC.
- The PELLENC company accepts no responsibility for any damage caused by improper or unspecified use different from its original intention.
- The PELLENC company accepts no responsibility for any damage caused by the use of non-original parts or accessories.

2.1. SAFETY MEASURES ASSOCIATED WITH THE USE OF THE CONVERTOR

- 1. When in operation, the convertor's temperature can reach 60°C. No flammable material must be within 1.5 metres of the convertor and battery.
- 2. Do not introduce any metal objects into the convertor such as paper clips, coins, keys, nails, screws or other small metal objects likely to short circuit its components.
- 3. Place the equipment out of children's reach and onto a non-combustible support.
- 4. Do not interfere with its cooling cycle.
- 5. Do not use or leave the convertor near a heat source (> 45°C).
- 6. Do not leave the convertor in direct, strong sunlight.
- 7. Do not expose the convertor to microwaves or high pressure.
- 8. Do not immerse the convertor in water.
- 9. The convertor must be protected against shock and must be positioned and secured during transport phases.
- 10. In the event of suspicious fumes, place the convertor outside the premises or vehicle as far from any combustible material as possible.
- 11. If the output cord is torn or damaged, bring the entire convertor back to the authorised distributor it was purchased from.
- 12. Do not use the convertor for any application other than that for which it was initially intended (exclusive use of the Pellenc Olivium or Olivion).
- 13. At the end of its life, the convertor must be returned to the authorised distributor it was purchased from to be recycled in compliance with waste regulations.
- 14. Do not use in the rain.
- 15. Fragile plastic case.
- 16. Always attach the convertor to the top of the 12V battery using its strap.
- 17. Always hold the alligator clips by their insulating parts to prevent the risk of burning.
- 18. Risk of short circuit, observe the correct polarity during the connection.

2.2. SAFETY MEASURES ASSOCIATED WITH THE USE OF THE TOOL

Please refer to the instructions of the tool concerned.

2.3. SAFETY SIGNAGE



48_20_012



Do not expose to rain.



Features of the replaceable protective fuse



This equipment must be used at a temperature of -5° to +35°C.



At the end of its life, the convertor must be returned to the authorised distributor it was purchased from to be recycled in compliance with electronic waste regulations.



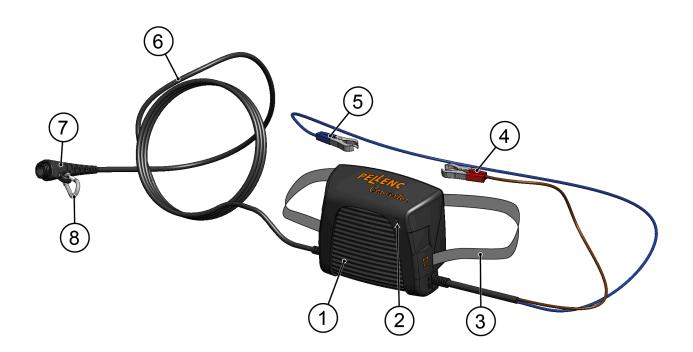
Equipment compliant with EC standards.



Equipment compliant with Moroccan standards.

3. DESCRIPTION AND TECHNICAL FEATURES

3.1. DESCRIPTION



48_20_001

- 1. Converter
- 2. Indicator light
- 3. Strap
- 4. Red alligator clip (+)

- 1. Black alligator clip (-)
- 6. Cordon
- 7. Tool connector plug
- 8. Snap hook



3.2. TECHNICAL FEATURES

Nominal\battery voltage	12 V ===
Output voltage	42 V ===
Output current	4.5 A
Weight of the convertor unit	2,5 kg
Minimum battery capacity	60 Ah

4. START-UP

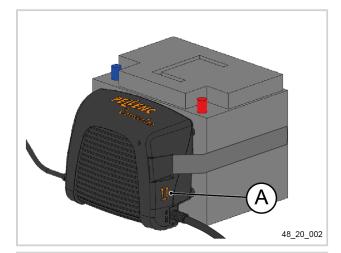
4.1. CONTENT OF THE KIT

Make sure the box contains:

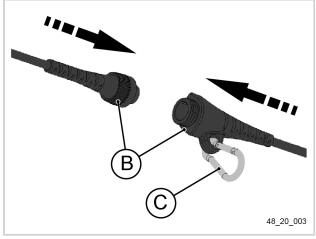
- A Converter Convertor 12V/42V that comes with:
 - 1 strap
 - 1 snap hook
 - 1 user guide
 - 1 warranty notice

4.2. INSTALLED

- 1. Remove the case from the packaging.
- 2. Fix the case vertically to the 12V battery using the strap provided. The arrows (mark A) must always point upwards.



- 3. Connect the tool's power cord to the connector plug of the casing(mark B).
- 4. Attach the cord's snap hook clasp (mark C) to your waist.





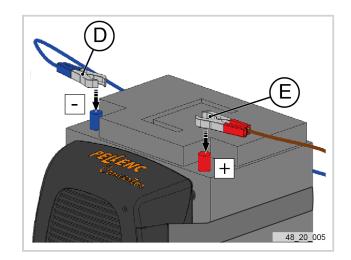
5. USING THE TOOL

5.1. START UP IN "PULSE" MODE (OLIVIUM ONLY)

"Pulse" mode: The tool operates only when the trigger is pressed. stops operating when the trigger is released.

- 1. Put the tool in start-up position (please refer to the instructions of the tool concerned).
- 2. Connect the black alligator clip (mark D) to the negative (-) terminal of the battery.
- 3. Connect the red alligator clip (mark E) to the positive (+) terminal of the battery.

The tool is now powered up and ready to operate in ON/ OFF mode.



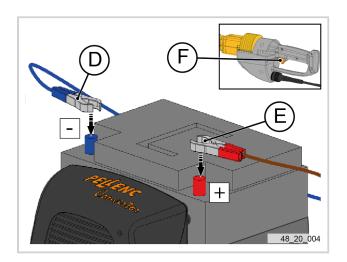
5.2. START-UP IN "CONTINUOUS" MODE

5.2.1. **OLIVIUM**

"Continuous" mode: the tool starts with a single press of the trigger and does not stop unless the trigger is pressed again.

- 1. Connect the black alligator clip (mark D) to the negative (-) terminal of the battery.
- 2. Put the tool in start-up position (please refer to the instructions of the tool concerned).
- 3. Press the trigger of the tool (mark F) and with the other hand connect the red alligator clip (mark E) to the positive (+) terminal of the battery while keeping the trigger pressed.

The tool is now powered up and ready to operate in "Continuous" mode.



5.2.2. OLIVION

- 1. Put the tool in start-up position (please refer to the instructions of the tool concerned).
- 2. Connect the black alligator clip (mark D) to the negative (-) terminal of the battery.
- 3. Connect the red alligator clip (mark E) to the positive (+) terminal of the battery.

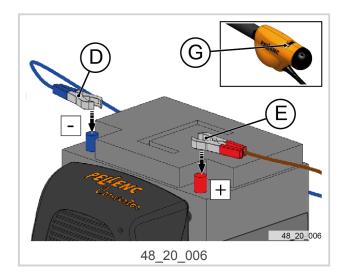
The tool is now powered up and ready to operate in "Continuous" mode.

4. Turn the tool's switch to "I" to start the tool (mark G)



Warning

© Never operate the tool when the rake is resting on the ground.



5.3. INDICATOR LIGHT

STATUS	MEANING
GREEN	Normal operation
RED	Battery voltage < 10V (discharged battery)
	Battery voltage > 18V (poor battery, 24V)
SWITCHED OFF	Alligator clips wrongly positioned
	Inverted polarities

6. WARRANTIES

6.1. GENERAL WARRANTIES

6.1.1. STATUTORY WARRANTY

6.1.1.1. LATENT DEFECTS WARRANTY

Apart from the commercial warranty provided for under Article II, Article 1641 of the French Civil Code states that "the seller is bound to a warranty on account of latent defects of the object sold which render it unfit for the use for which it was intended, or which would impair said use to the extent that the buyer would not have acquired it, or would only have paid a lesser price for it, had he/she known of them".

Article 1648 of the French Civil Code "The action resulting from latent defects must be brought by the purchaser within two years after the discovery of the defect."

6.1.1.2. LEGAL GUARANTEE OF CONFORMITY

Article L.217-4 of the French Consumer Code "The seller delivers goods in compliance with the contract and is liable for defects of conformity existing upon delivery.

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The seller is also liable for any lack of conformity resulting from the packaging, assembly or installation instructions whenever its contractual liability is engaged in this regard or the latter are carried out under its responsibility.

Article L.217-5 of the French Consumer Code "Goods are compliant with the contract":

- 1. If they are fit for the purpose normally expected of similar goods and, where applicable:
 - If they correspond to the description given by the seller and possess the qualities that were presented to the buyer in the form of a sample or model;
 - If they possess the qualities that a buyer can reasonably expect given the public statements made by the seller, the producer or its representative, especially in advertising or labelling;
- 2. Or if it has the characteristics defined by mutual agreement between the parties or be suitable for any special use sought by the buyer, brought to the attention of the seller and accepted by the latter.

Article L.217-12 of the French Consumer Code "legal action resulting from lack of conformity lapses two years after delivery of the goods".

6.1.2. PELLENC COMMERCIAL WARRANTY

6.1.2.1. CONTENTS

6.1.2.1.1. GENERAL INFORMATION

In addition to legal warranties, client users benefit from the commercial warranty on PELLENC products covering the exchange and replacement of parts recognised as being out of order, due to machining defects, assembly defects or material defects, whatever the cause.

The warranty forms an inseparable whole with the product sold by PELLENC.

6.1.2.1.2. SPARE PARTS

The commercial warranty also covers PELLENC original spare parts, excluding labour and to the exclusion of certain parts of each product provided at delivery.

6.1.2.2. DURATION OF WARRANTY

6.1.2.2.1. GENERAL INFORMATION

PELLENC products are guaranteed under the commercial warranty as from delivery to the customer for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

6.1.2.2.2. SPARE PARTS

PELLENC replacement parts replaced under the product warranty are guaranteed under the commercial warranty as from delivery of the PELLENC product to the customer user for a period of two (2) years for products connected to a PELLENC battery, and for a period of one (1) year for other PELLENC products.

In the case of products connected to a PELLENC battery, parts that are replaced under the product warranty after the 12th month of use, are covered for a period of one (1) year.

6.1.2.2.3. WARRANTY EXCLUSIONS

Products that have been subject to abnormal use, or that have been used under conditions and for purposes other than those for which they were manufactured, are excluded from the commercial warranty, especially in the case of non-compliance with the conditions stipulated in this user manual.

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Nor does it apply in the event of impact, dropping, negligence, lack of supervision or maintenance or if the product has been transformed. Products that have been altered, transformed or modified by the user customer are also excluded from the warranty.

Wear parts and/or consumables are not covered by the warranty.

6.1.2.3. IMPLEMENTATION OF THE COMMERCIAL WARRANTY

6.1.2.3.1. PRODUCT COMMISSIONING AND COMMISSIONING DECLARATION

No later than eight days after delivery of the goods to the user customer, the DISTRIBUTOR undertakes to complete the computerised commissioning declaration form in order to activate the latter on the website www.pellenc.com, under the heading "Extranet Access" in the "Pellenc Extranet Service" menu, using the identifier previously issued by PELLENC.

Failing that, commissioning declaration will not be effective and implementation of the PELLENC commercial warranty will not occur. As a consequence thereof, the DISTRIBUTOR must ensure the financial burden of its intervention under the warranty without being able to pass on the cost to the client user.

The DISTRIBUTOR also undertakes to complete the warranty card or the certificate of warranty and commissioning for self-propelled equipment provided with the product after having the user customer sign and date it.

6.1.3. PAID AFTER-SALES SERVICE

6.1.3.1. GENERAL INFORMATION

Malfunctions, breakdowns, breakages resulting from misuse, negligence or improper maintenance by the user customer, as well as malfunctions resulting from the normal wear of the product, are subject to the payment of the after-sales service, even during the period of the legal and commercial warranty. After-sales service repairs that fall outside of the legal and commercial warranty also include maintenance, adjustments, diagnostics of all types, and cleaning, without the present list being exhaustive.

6.1.3.2. WEAR PARTS AND CONSUMABLES

Wear parts and consumables also fall within the after-sales service.

6.1.3.3. SPARE PARTS

Paid after-sales service also covers PELLENC original spare parts, excluding labour and outside the legal and commercial warranty period.

In case of replacement of original PELLENC spare parts in the context of after-sales service, said latter are covered by a warranty of one year as from the installation date.



7. STATEMENTS OF COMPLIANCE

7.1. STATEMENT C € OF COMPLIANCE: CONVERTOR 12V/42V

MANUFACTURER / PERSON AUTHORISED TO COMPILE THE TECHNICAL FILE	PELLENC
	Quartier Notre-Dame - 84120 Pertuis (France)

We hereby declare that the machine designated below:

GENERIC DENOMINATION	Converter				
FUNCTION	Provide a 43VDC power supply from a 12VDC battery				
COMMERCIAL NAME	CONVERTOR				
TYPE	CONVERTOR 12VDC/42VDC				
MODEL	VC 4245				
SERIAL NO.	48Y00001 - 48Y49999 48Z00001 - 48Z49999 48A00001 - 48A49999				

Complies with the following other directives and / or relevant provisions:

 2014/35/EU Low Voltage Directive; 2014/30/EU EMC Directive; 2011/65/EU ROHS Directive; 1907/2006 REACH Regulation; 2012/19/EU WEEE Directive.

The following harmonized European standards were used:

• EN 55014-1: 2017; EN 55014-2 : 2015; EN 60335-1 : 2012 + AC:2014 + A11:2014 + A13:2017 + A14:2019 + A2:2019

Signed for and on behalf of:

Simon BARBEAU

CEO



PERTUIS, on 04/11/2024



PELLENC

Quartier Notre Dame - 84120 Pertuis (France)

