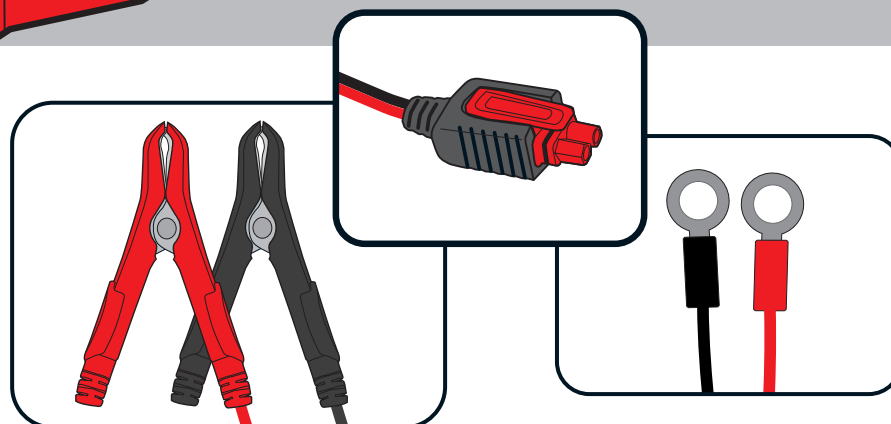
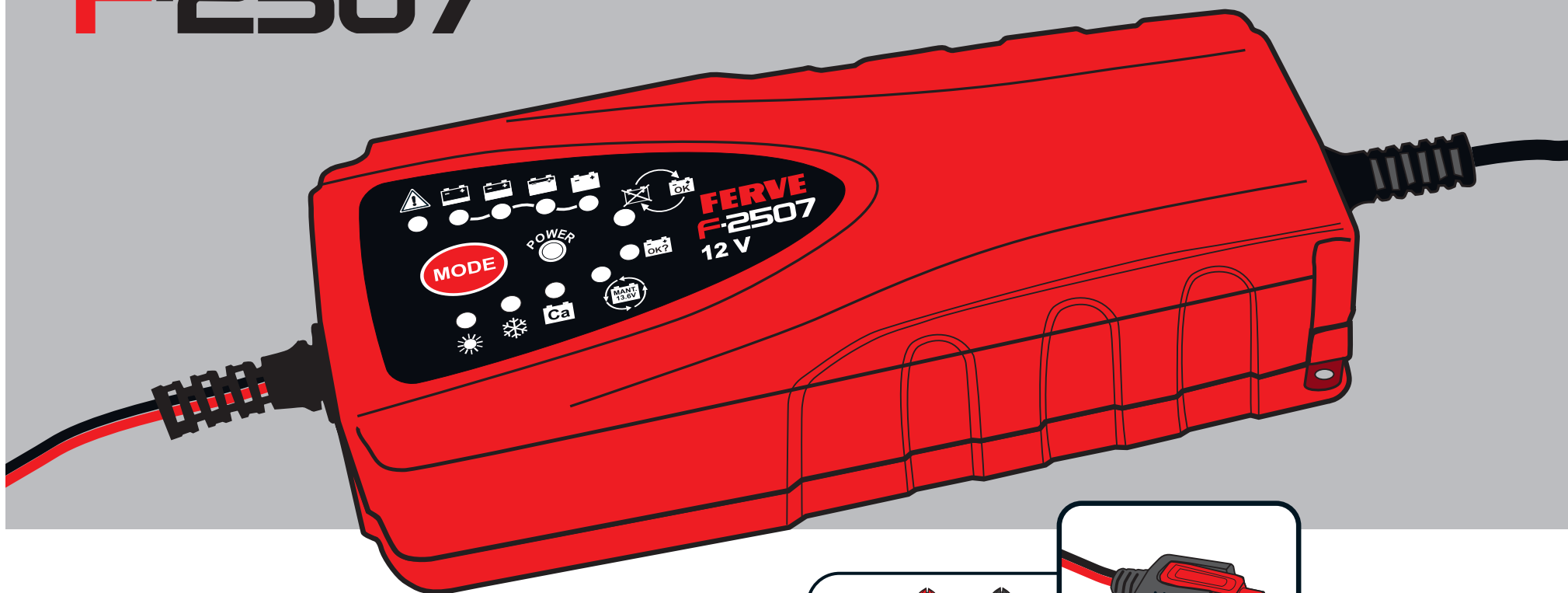


FERVE

F-2507

CE



F-2507

220-240 V ~ 50/60 Hz 135 W

12 V

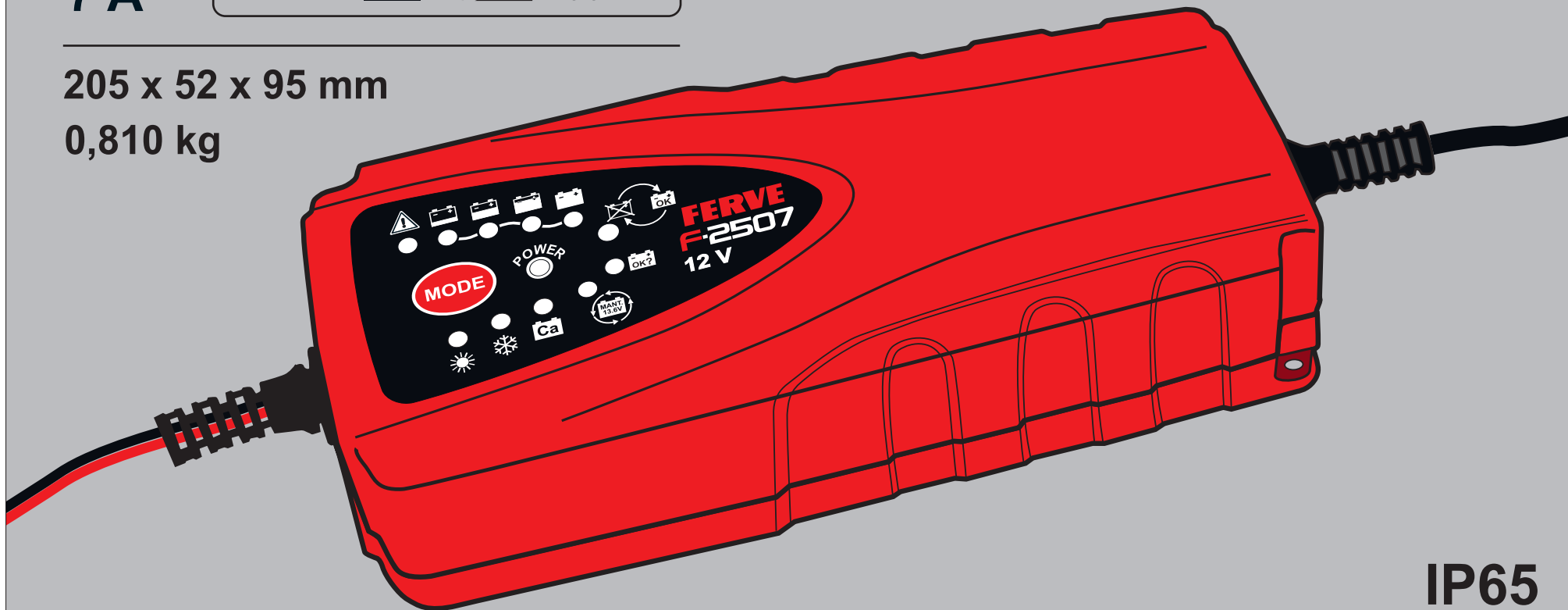
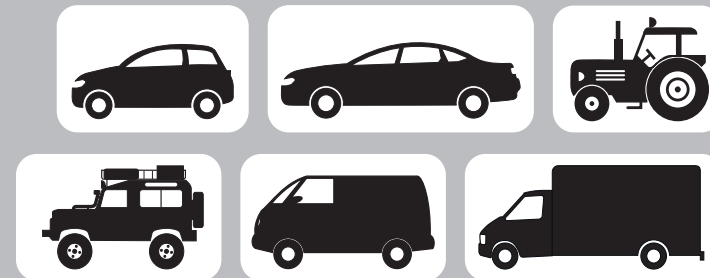
LIQ GEL AGM 14  230 Ah

7 A

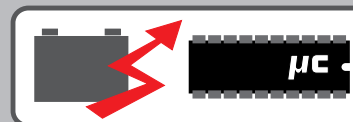
 Ca 25  100 Ah

205 x 52 x 95 mm

0,810 kg



IP65



BEFORE USING THE CHARGER READ THE OPERATING AND SAFETY INSTRUCTIONS FOR BATTERY CHARGERS VIA THE FOLLOWING LINK:

www.ferve.com/es/publicaciones.htm

FERVE



E

CARGADORES DE BATERÍAS

MANUAL DE USO Y SEGURIDAD

GB

BATTERY CHARGERS

OPERATING INSTRUCTIONS AND SAFETY MANUAL

F

CHARGEURS DE BATTERIES

MANUEL D'UTILISATION ET DE SÉCURITÉ

D

BATTERIELADEGERÄTE

BETRIEBS- UND SICHERHEITSHANDBUCH

NL

ACCULADERS

GEBRUIKSAANWIJZING EN VEILIGHEIDSVORSCHRIFTEN

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E BATTERY CHARGING (LIQUID - GEL) pag.4

E BATTERY CHARGING (AGM) pag.9

E BATTERY CHARGING (Ca) pag.14

E BATTERY MAINTENANCE (13,6 V) pag.19

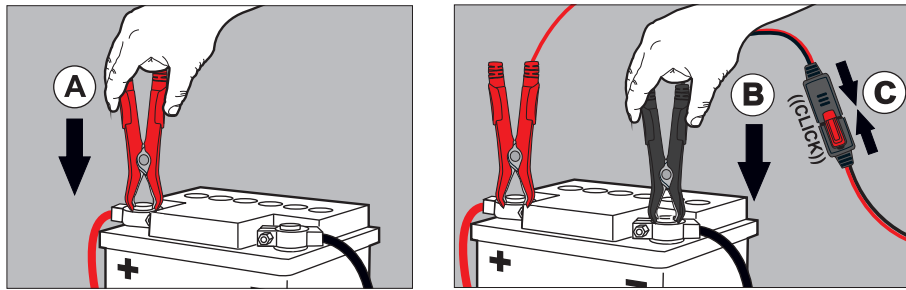
E BATTERY RECOVERY pag.22

E REPLACING A BATTERY pag.26

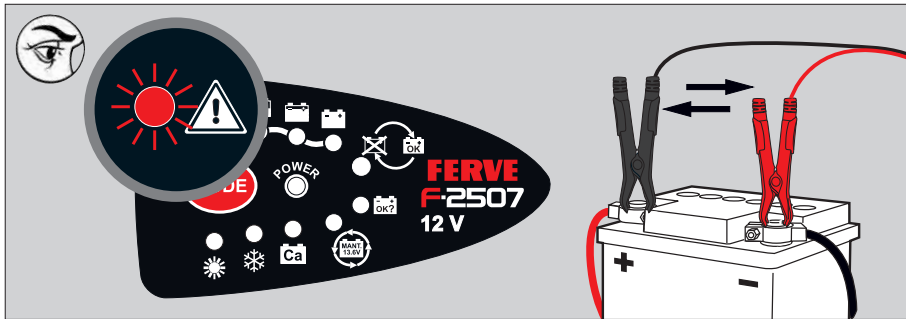
E CABLE WITH TERMINALS pag.29


E

BATTERY CHARGING (LIQUID - GEL)

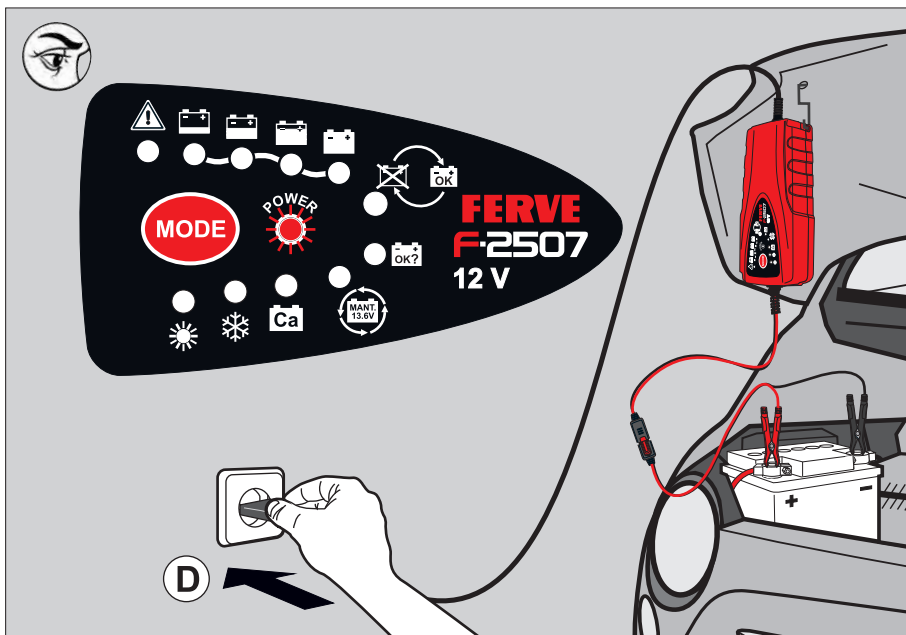


Connect the clamps to the battery in the following order: first the red clamp to the positive terminal + (A) and then the black clamp to the negative terminal - (B). Finally, connect the clamps to the charger (C).



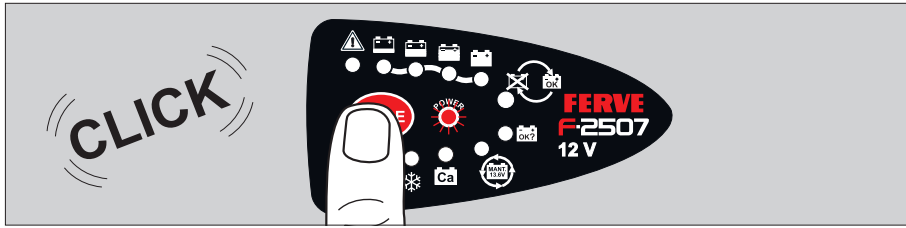
If the clamps are reversed, the LED warning light  will turn on. Before continuing the charging process, switch the position of the clamps.

6

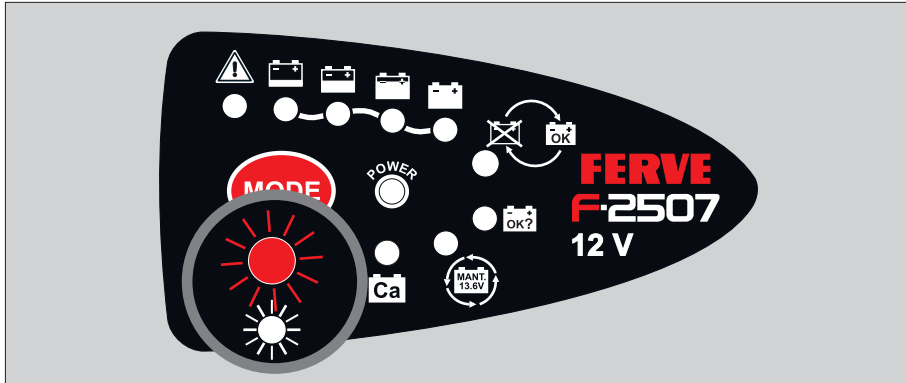


Connect the FERVE F-2507 charger to a mains supply (D). The LED POWER turns on and the charging process begins.

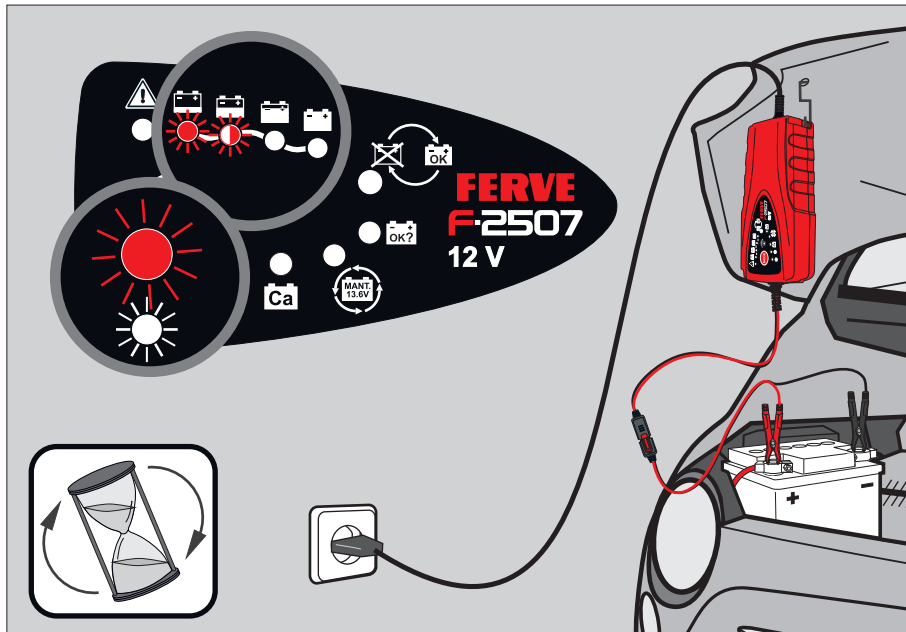
7



Press the MODE button until the LED ☀ turns on.

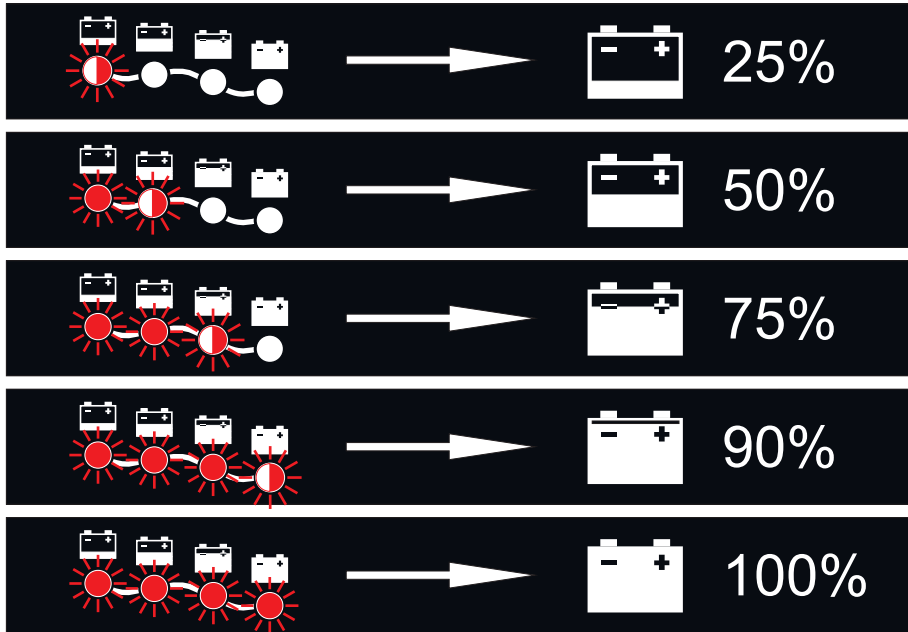


8



The upper four LEDs ☰ indicate the battery's charge status and they turn on progressively as the charging proceeds.


9

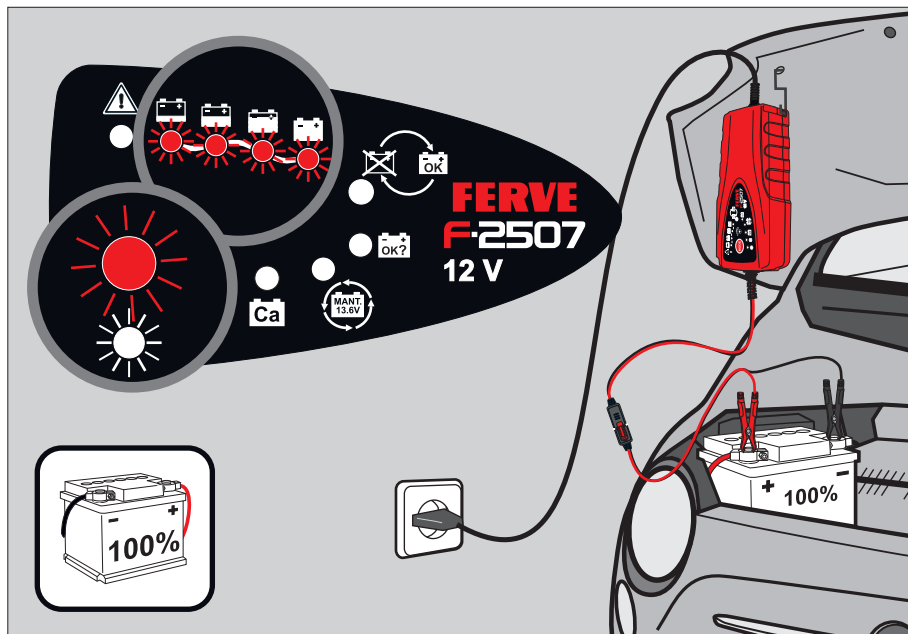


10


Charge status table.

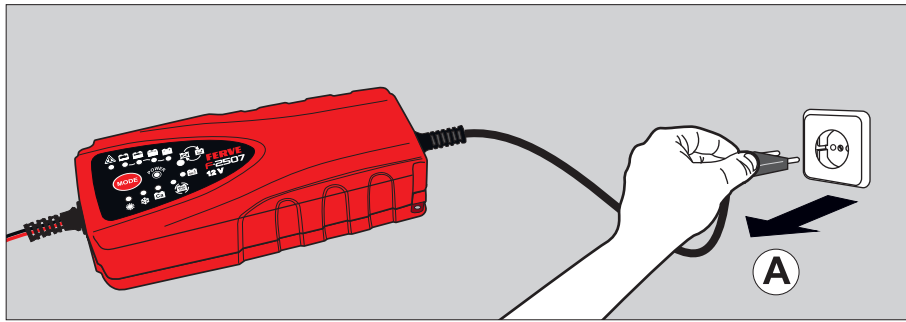
Example:

If the battery charge is lower than 25%, the first LED  flashes.

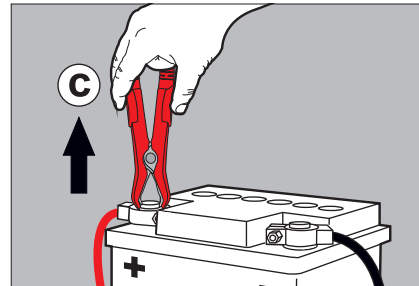
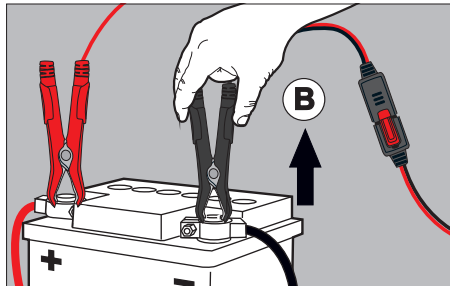


11

When the 4 LEDs  are on solidly, the battery is fully charged and the FERVE F-2507 can now be disconnected.

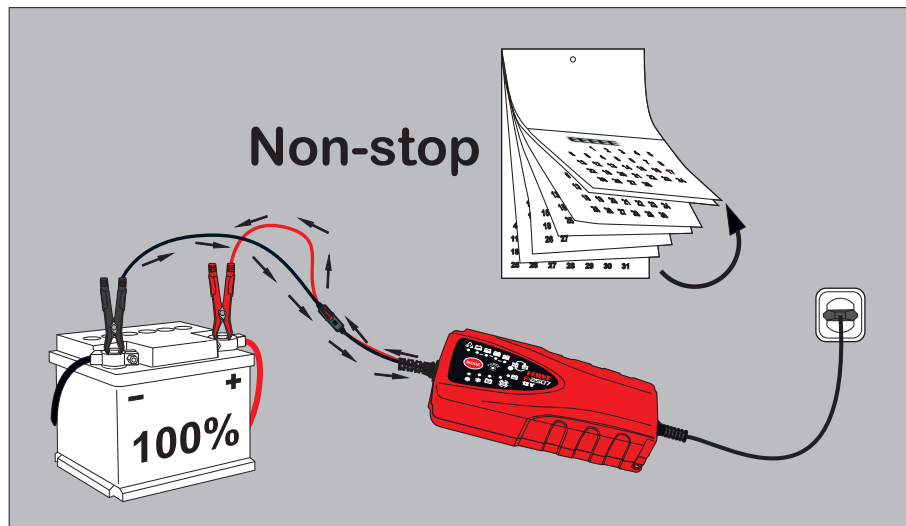


Unplug the charger from the mains (A), then remove the black clamp (B) and finally the red clamp (C).



12

AUTOMATIC STAND-BY



If you leave it plugged in, the FERVE F-2507 auto-charge will keep the battery at 100% capacity at all times.

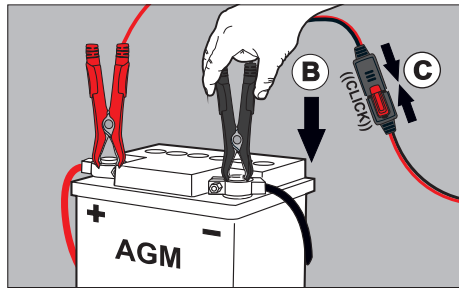
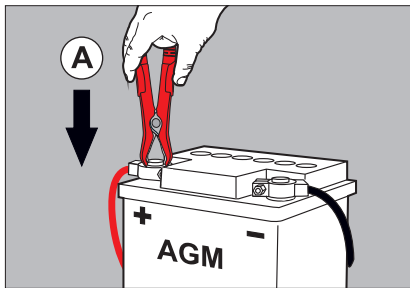
13

E

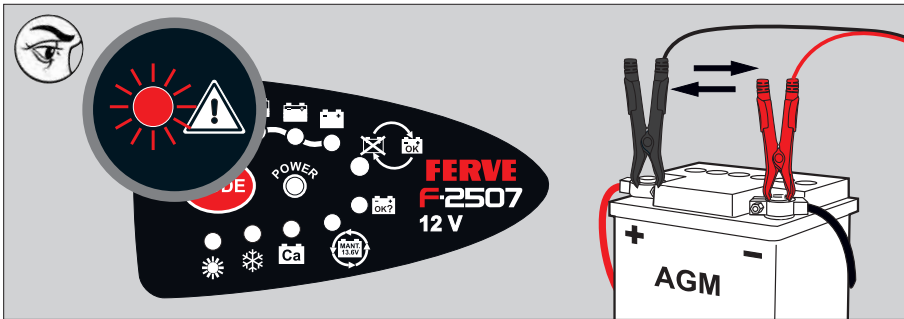
BATTERY CHARGING (AGM)


Function for charging AGM batteries.

Function for charging any kind of battery when the temperature is below 3°C.

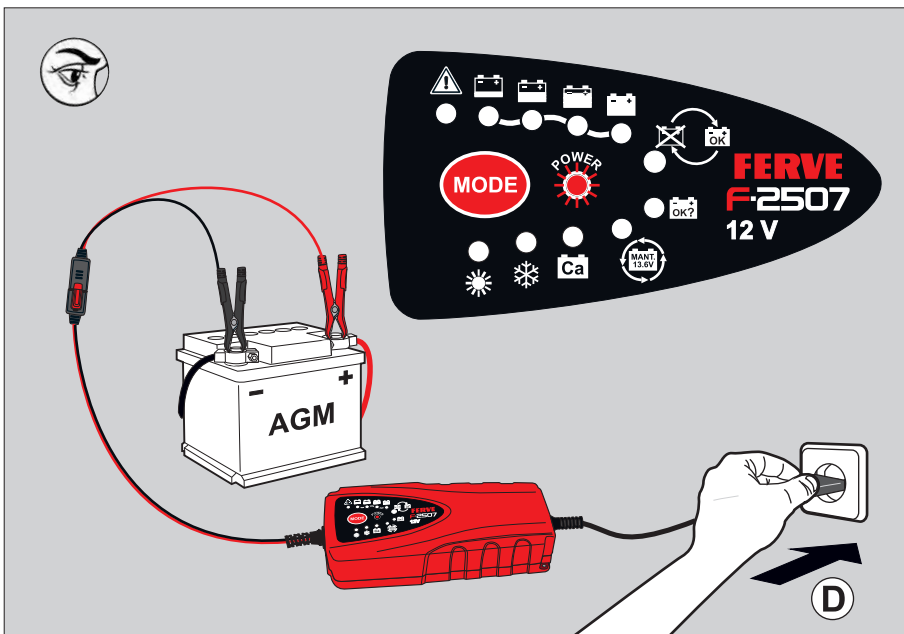


Connect the clamps to the battery in the following order: first the red clamp to the positive terminal + (A) and then the black clamp to the negative terminal - (B). Finally, connect the clamps to the charger (C).



If the clamps are reversed, the LED warning light  will turn on. Before continuing the charging process, switch the position of the clamps.

15



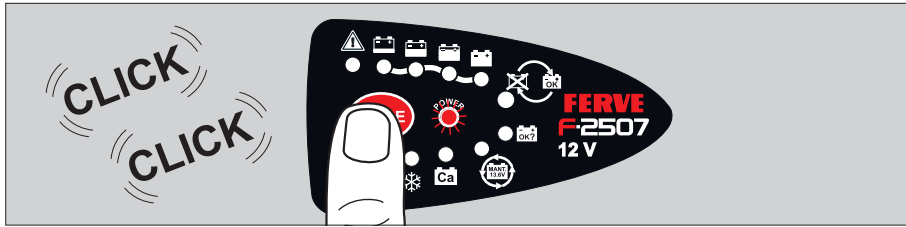
Connect the FERVE F-2507 charger to a mains supply (D). The LED POWER turns on and the charging process begins.

NOTE:

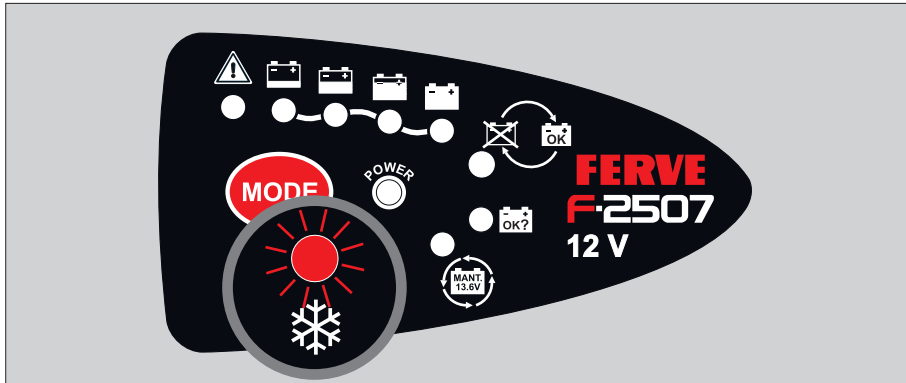
If the battery is not AGM, only use this function if the temperature is below 3 °C.

16

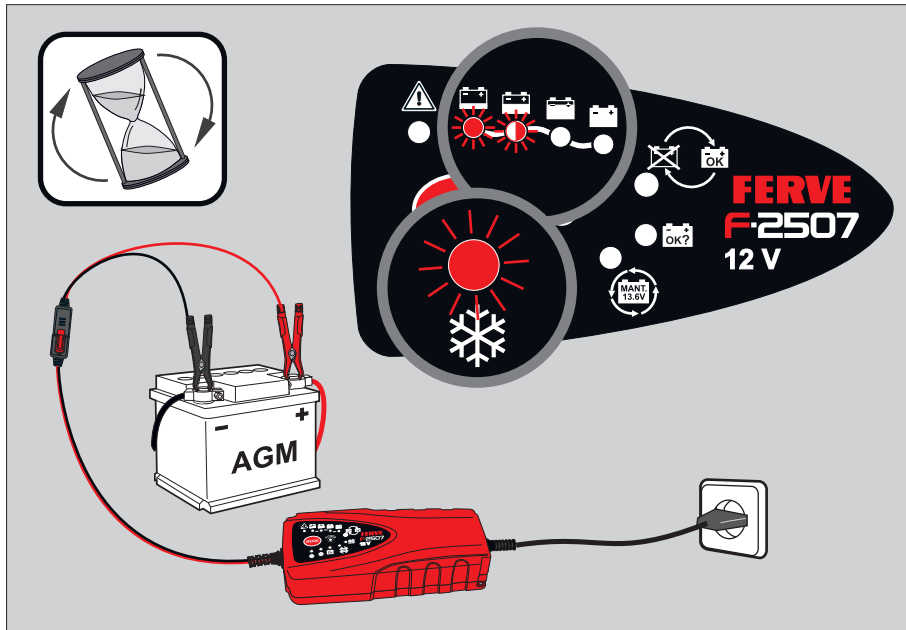
10




Press the MODE button until the LED ❄️ turns on.



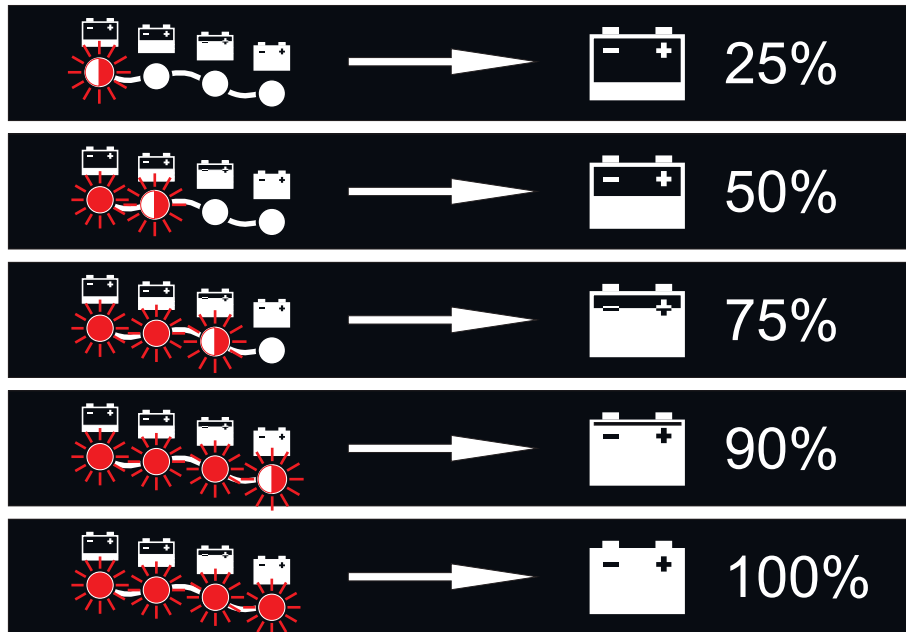
17



The upper four LEDs  indicate the battery's charge status and they turn on progressively as the charging proceeds.

18

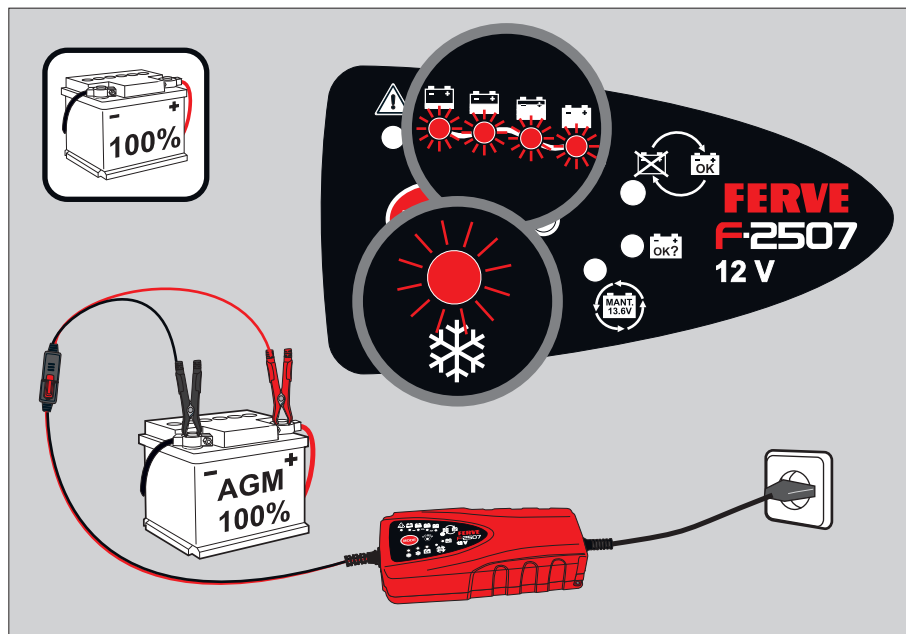
11



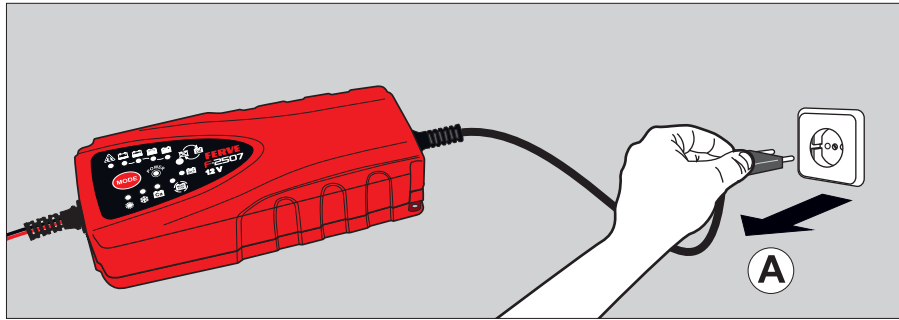
Charge status table.

Example:

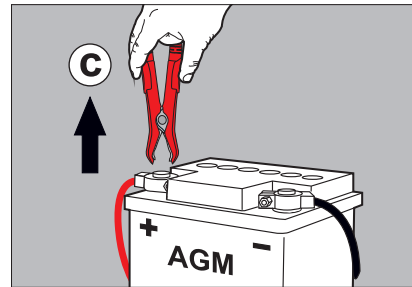
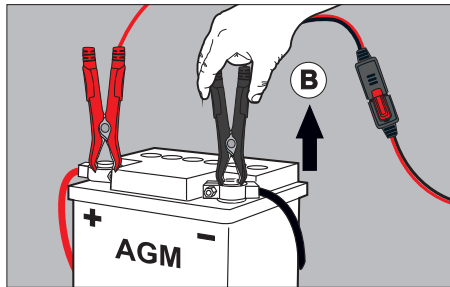
If the battery charge is lower than 25%, the first LED flashes.



When the 4 LEDs are on solidly, the battery is fully charged and the FERVE F-2507 can now be disconnected.

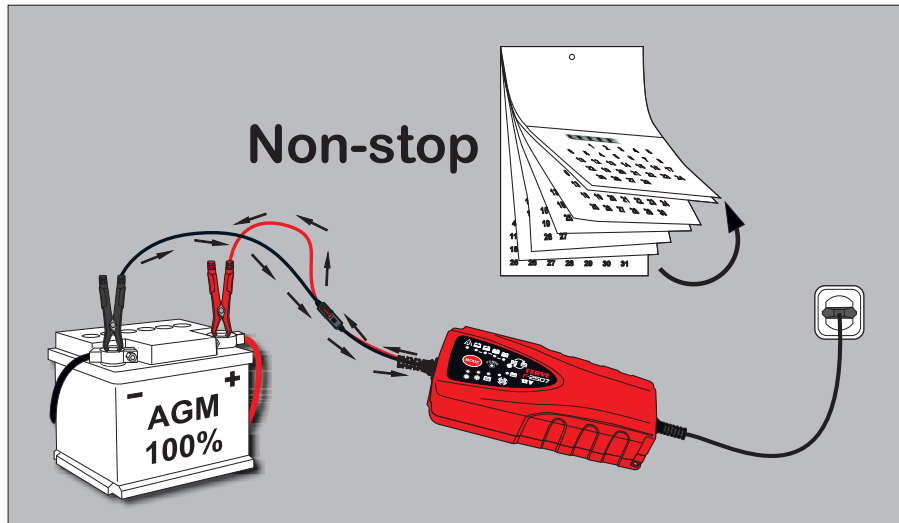


Unplug the charger from the mains (A), then remove the black clamp (B) and finally the red clamp (C).



21

AUTOMATIC STAND-BY



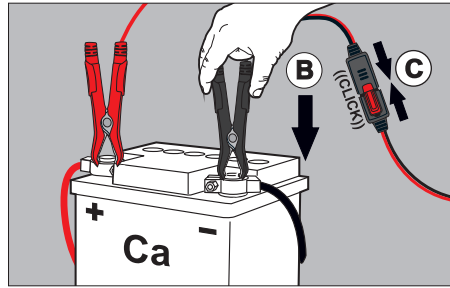
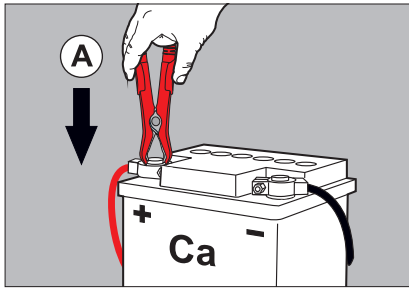
22

If you leave it plugged in, the FERVE F-2507 auto-charge will keep the battery at 100% capacity at all times.

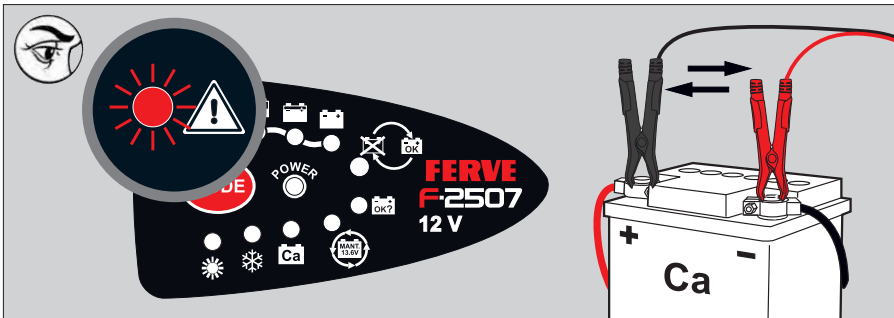
13


E

BATTERY CHARGING (Ca)

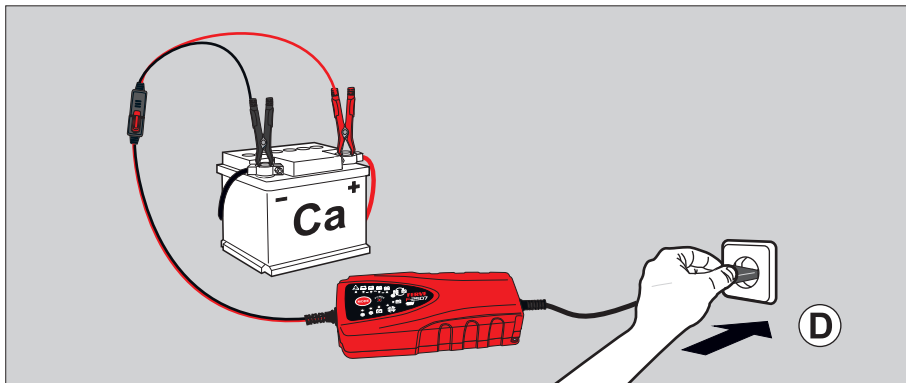


Connect the clamps to the battery in the following order: first the red clamp to the positive terminal + (A) and then the black clamp to the negative terminal - (B). Finally, connect the clamps to the charger (C).



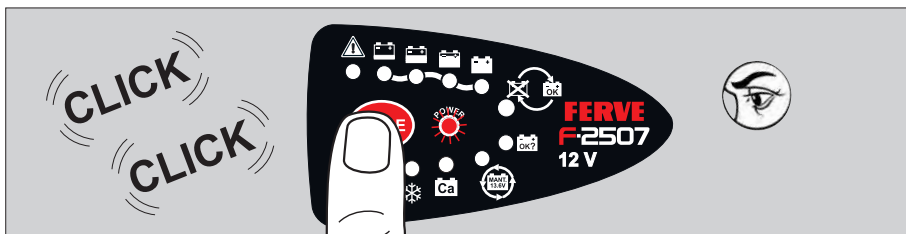
If the clamps are reversed, the LED warning light  will turn on. Before continuing the charging process, switch the position of the clamps.

24

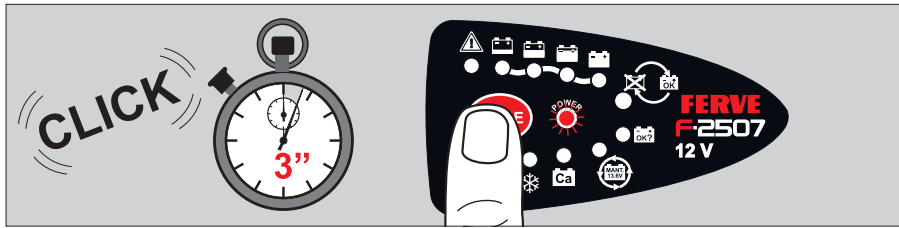


Connect the FERVE F-2507 charger to a mains supply (D).

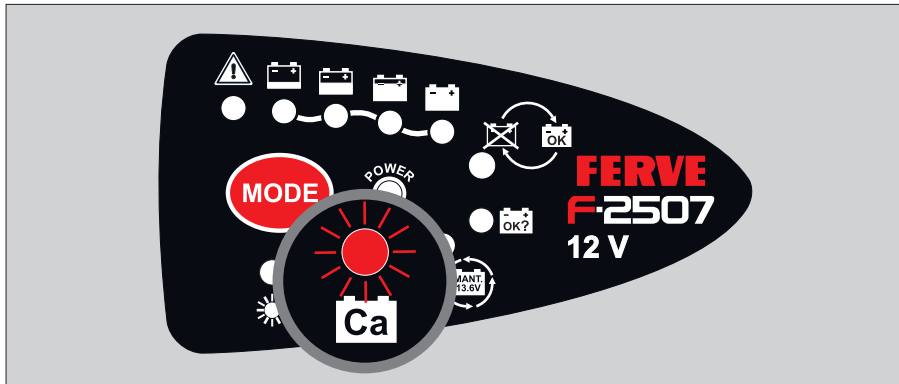
Press the MODE button until only the LED POWER is on.



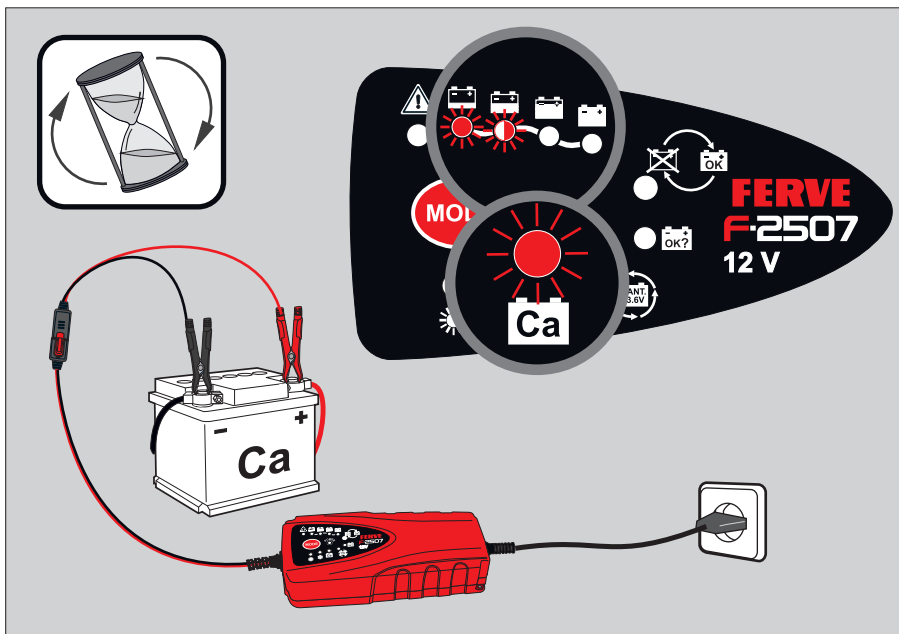
25




Press and hold the MODE button for 3 seconds until the LED **Ca** turns on. The charging process starts.

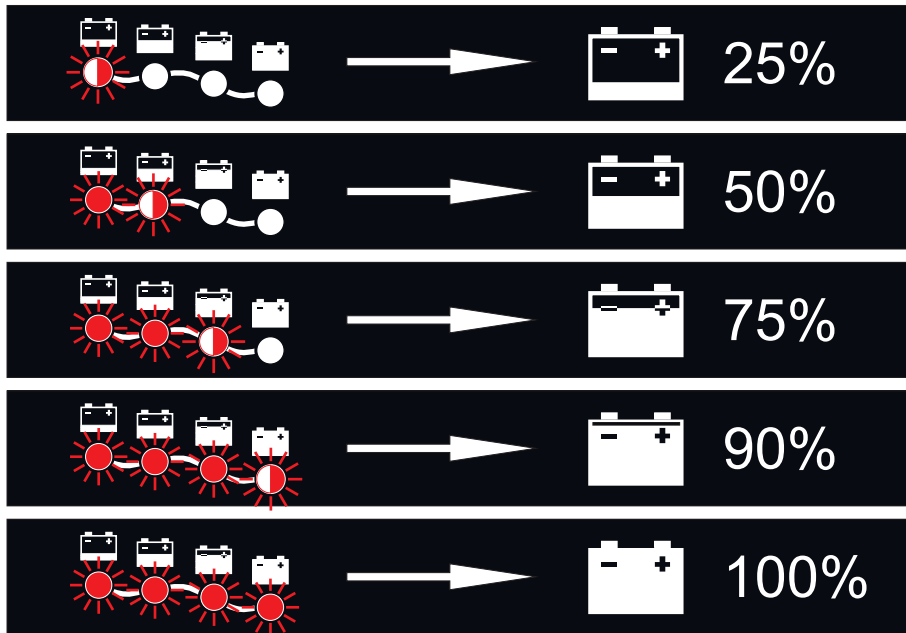


26



The upper four LEDs  indicate the battery's charge status and they turn on progressively as the charging proceeds.

27

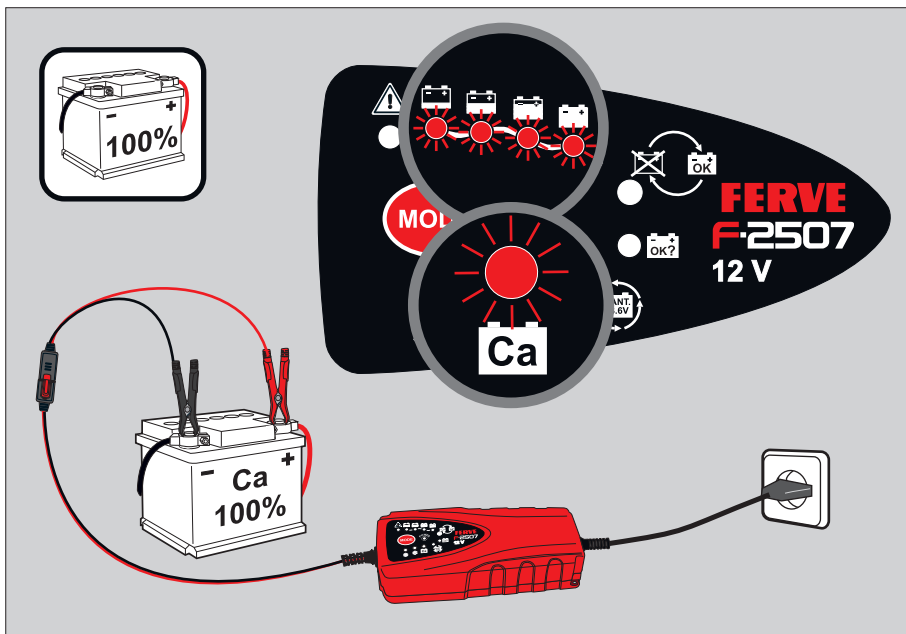


28

Charge status table.

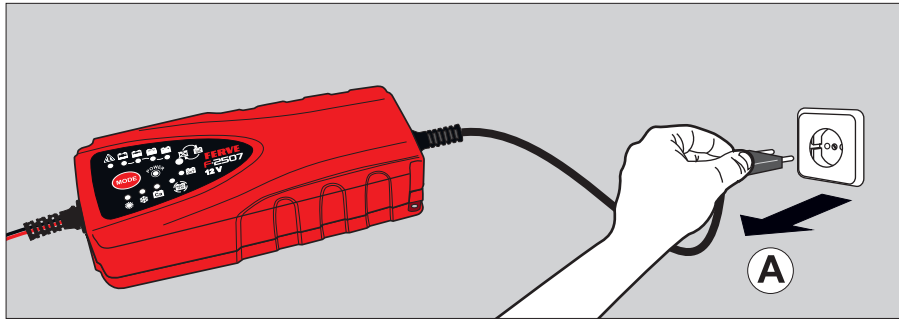
Example:

If the battery charge is lower than 25%, the first LED flashes.

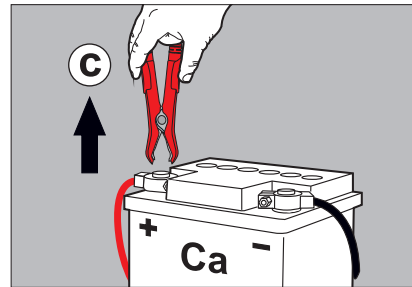
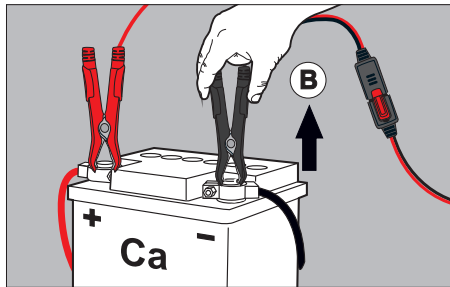


29

When the 4 LEDs are on solidly, the battery is fully charged and the FERVE F-2507 can now be disconnected.

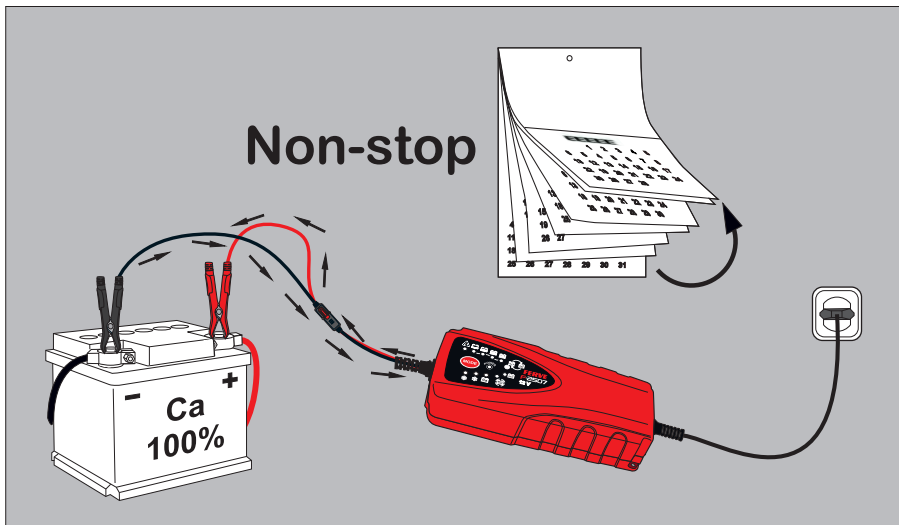


Unplug the charger from the mains (A), then remove the black clamp (B) and finally the red clamp (C).



30

AUTOMATIC STAND-BY



If you leave it plugged in, the FERVE F-2507 auto-charge will keep the battery at 100% capacity at all times.

NOTE:

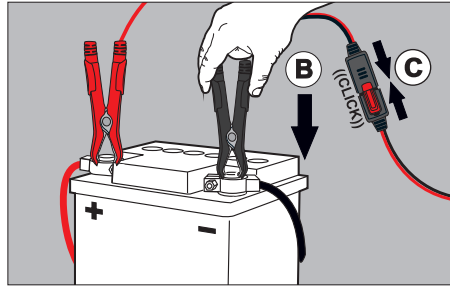
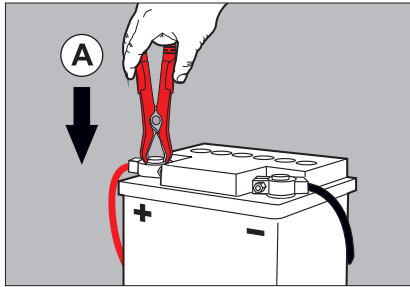
In the event of power failure, reselect the **Ca** mode on the charger.

31


E

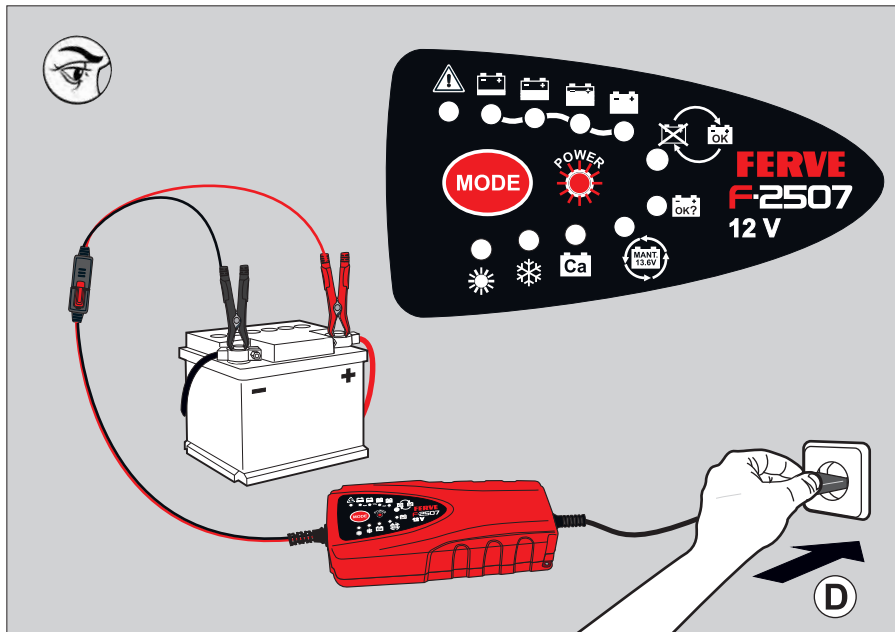
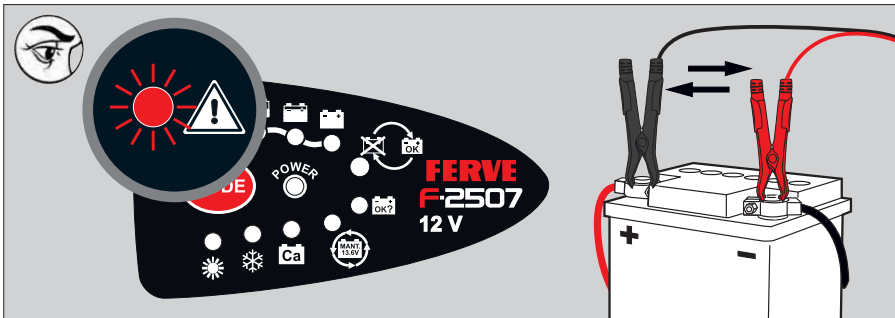
BATTERY MAINTENANCE (13,6 V)

Function recommended for keeping the battery at 100% charge capacity at a constant voltage.

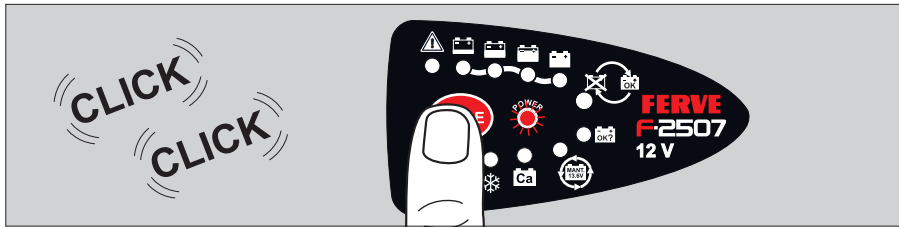



Connect the clamps to the battery in the following order: first the red clamp to the positive terminal + (A) and then the black clamp to the negative terminal - (B). Finally, connect the clamps to the charger (C).

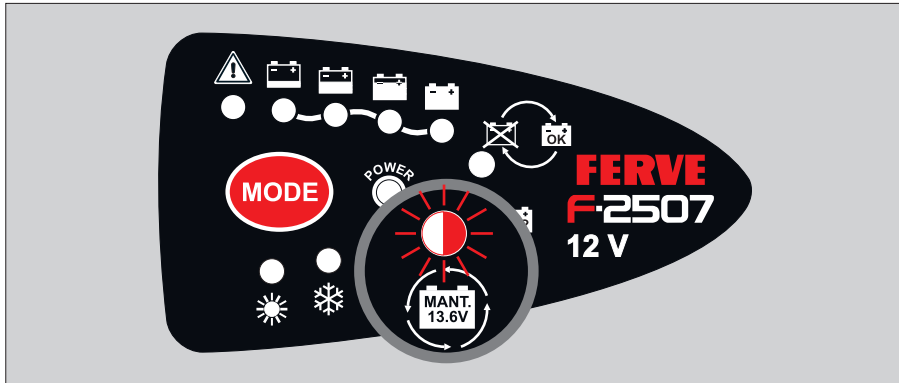
If the clamps are reversed, the LED warning light  will turn on. Before continuing the charging process, switch the position of the clamps.



Connect the FERVE F-2507 charger to a mains supply (D). The LED POWER turns on and the charging process begins.

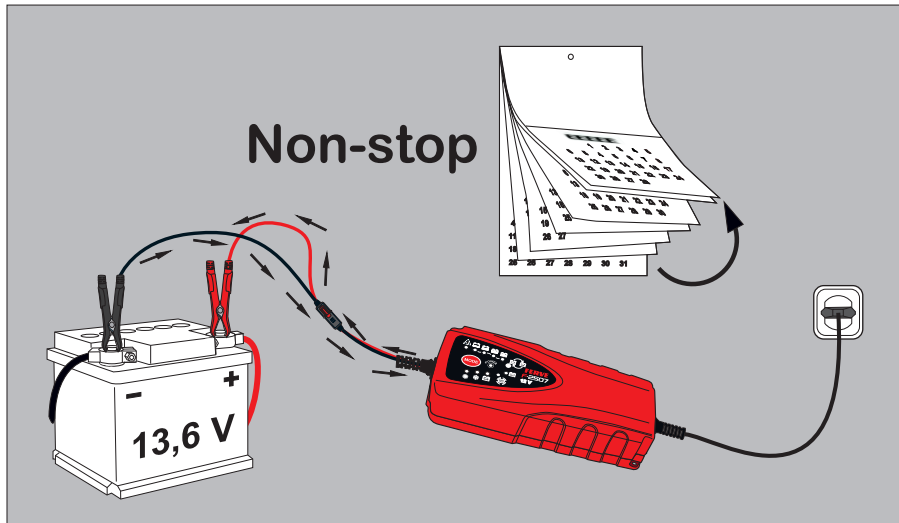


Press the MODE button until the LED  turns on (flashing light).




35

AUTOMATIC STAND-BY



If you leave it plugged in, the FERVE F-2507 auto-charge will keep the battery at a constant voltage of 13.6V.

NOTE:

In the event of power failure, reselect the  mode on the charger.

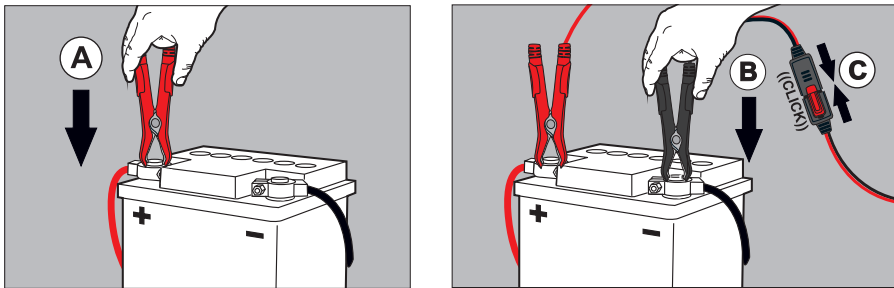
36

21

E


BATTERY RECOVERY

Function recommended for lead-acid batteries with a very low voltage level.

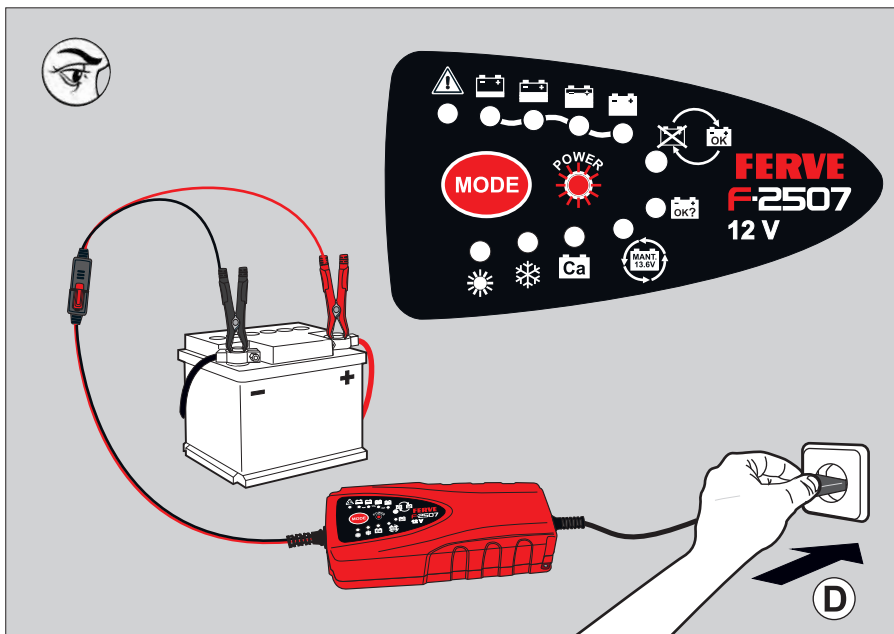


Connect the clamps to the battery in the following order: first the red clamp to the positive terminal + (A) and then the black clamp to the negative terminal - (B). Finally, connect the clamps to the charger (C).



If the clamps are reversed, the LED warning light  will turn on. Before continuing the charging process, switch the position of the clamps.


38

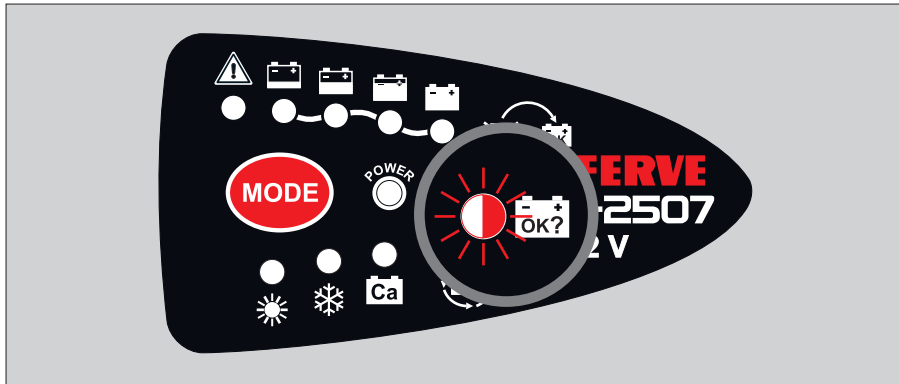


Connect the FERVE F-2507 charger to a mains supply (D). The LED POWER turns on and the charging process begins. If the LED POWER is permanently on, the battery is faulty or sulphated.

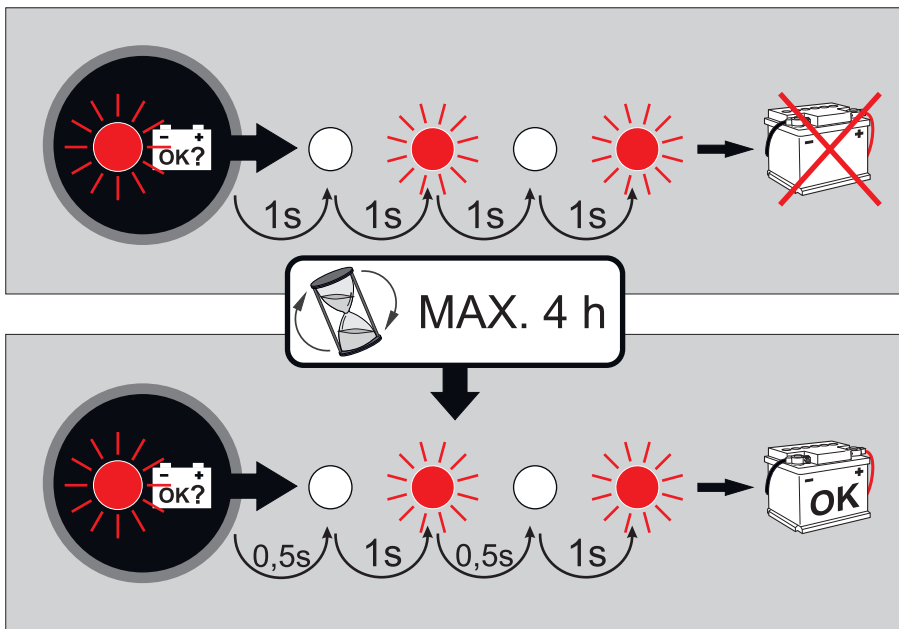
39




Press the MODE button until the LED  turns on (flashing light). The battery recovery process starts.



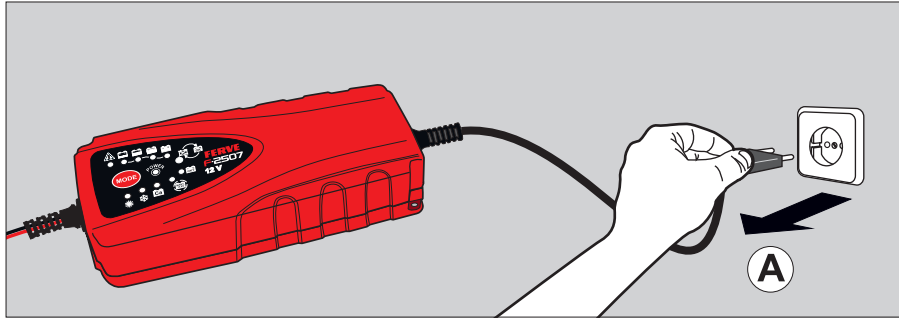
40



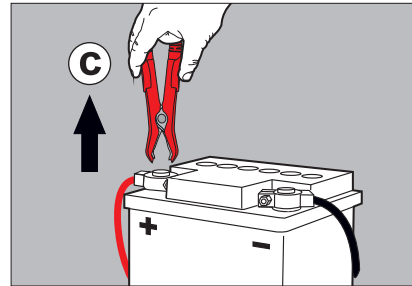
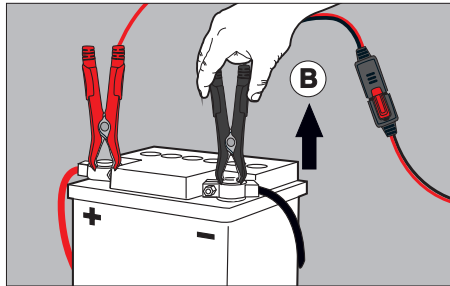
The LED  flashes at intervals of 1 second. If within a period of 4 hours the flashing continues at intervals of 1 second, the battery cannot be recovered and must be replaced. The battery may have been recovered when the flashing is at intervals of 0.5 seconds (on) / 1 second (off).

To check whether the battery has been recovered, try to start the charging process. If the LED POWER is on solidly and it is not possible to select a charge mode, replace the battery.

41



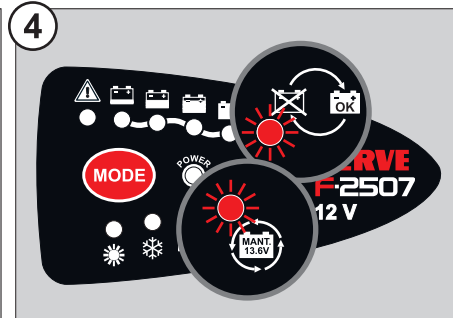
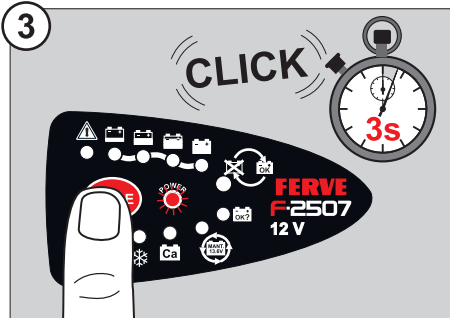
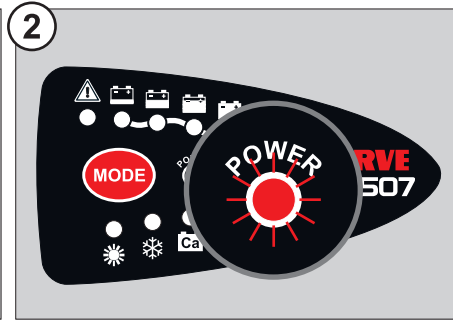
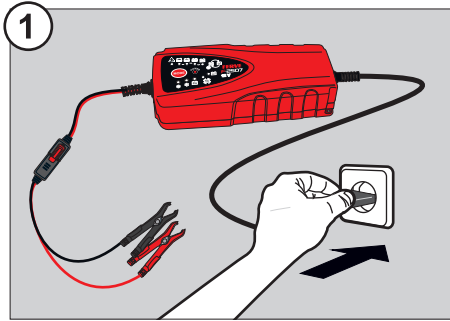
Unplug the charger from the mains (A), then remove the black clamp (B) and finally the red clamp (C).



42

E**REPLACING A BATTERY**


Function that enables the vehicle's memories and electronic devices to be preserved when the battery is replaced.

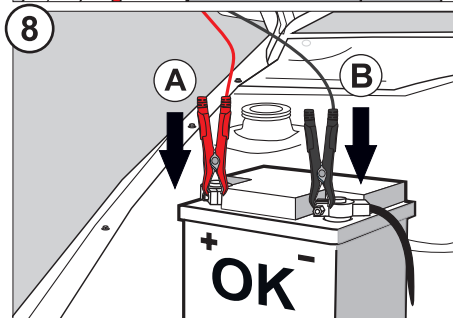
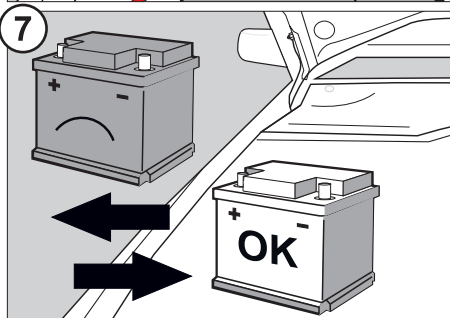
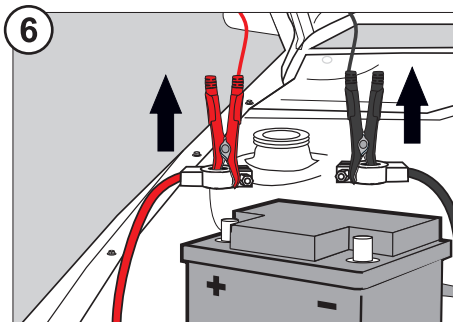
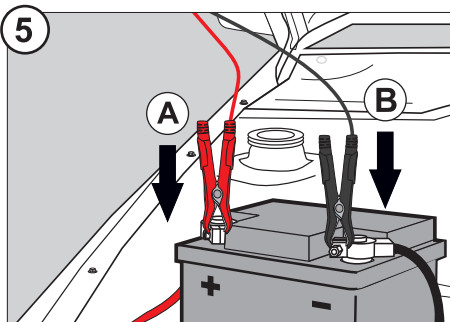


44

(1) Connect the FERVE F-2507 charger to a mains supply without connecting the clamps.

(2) The LED POWER turns on.

(3 and 4) Press and hold the MODE button for 3 seconds until the LEDs  and  turn on at the same time.



45

(5) Connect the clamps to the battery terminals, first the red clamp to the positive terminal (A) and then the black clamp to the negative terminal (B). Turn off the engine and the electronic devices (lights, audio, air conditioning, etc.)

(6) Disconnect the terminals from the battery terminals. The F-2507 FERVE charger preserves the vehicle's memories and electronic devices.

(7) Replace the battery.

(8) Reconnect the terminals with the clamps to the terminals of the new battery.

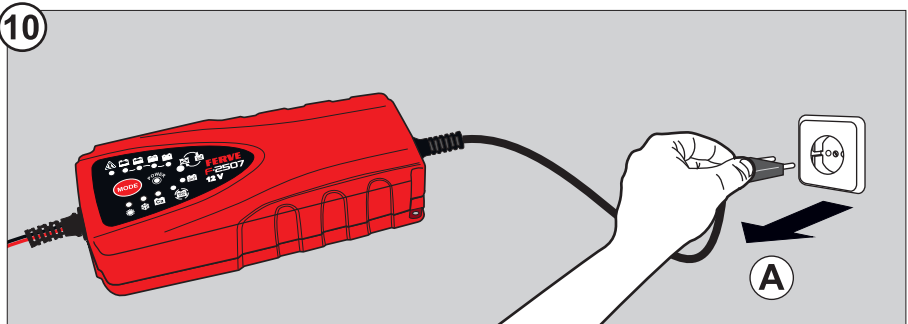
9



Press the MODE button until the LED POWER turns on. The F-2507 charger stops supplying power to the battery.

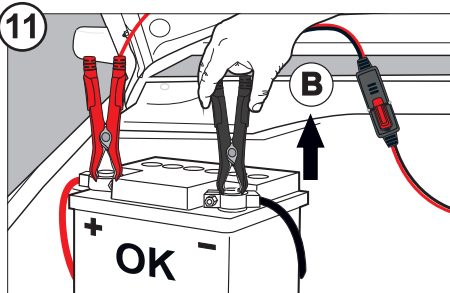
46

10

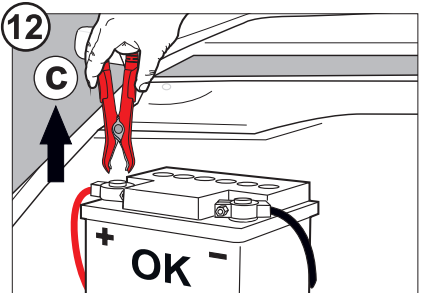


Unplug the charger from the mains (A), then remove the black clamp (B) and finally the red clamp (C).

11



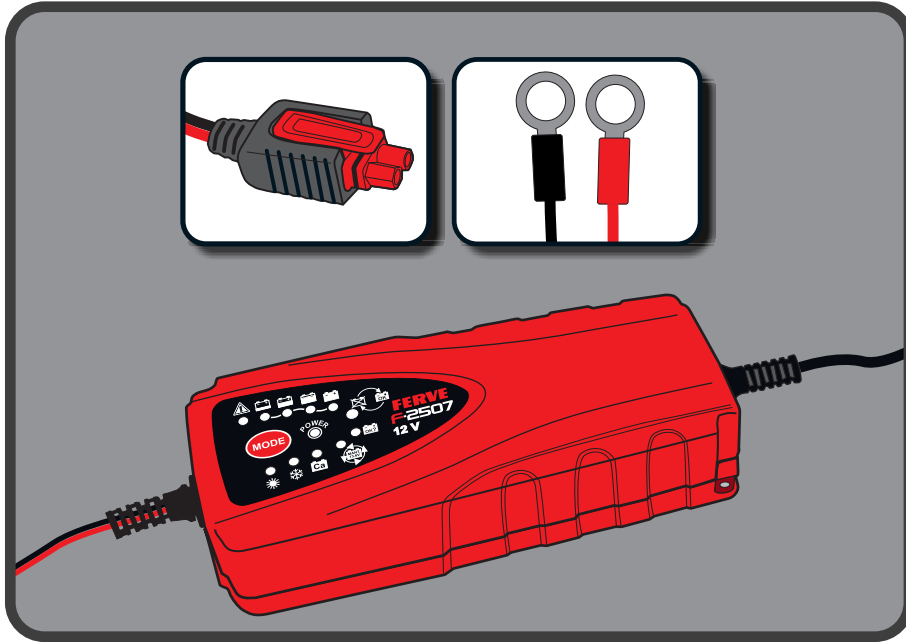
12



47

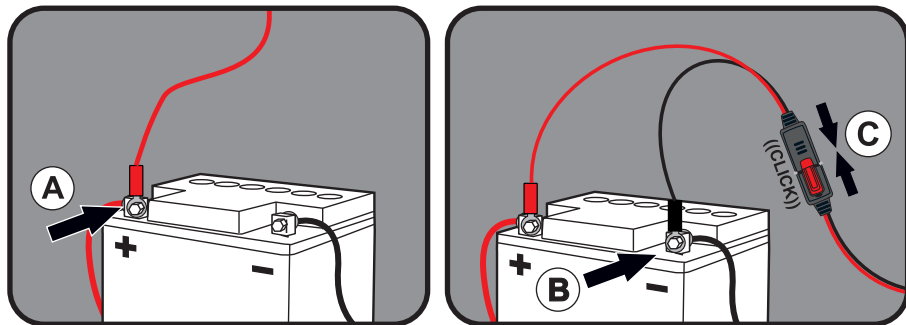
E

CABLE WITH TERMINALS

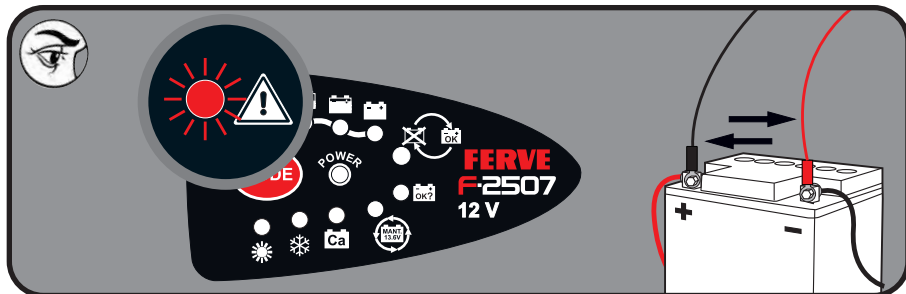


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The FERVE F-2507 charger comes with a cable with terminals as an accessory, for a fixed connection to a battery.



Connect the terminals to the battery terminals in the following order: first the red terminal to the positive terminal + (A) and then the black terminal to the negative terminal - (B). Finally, connect the terminals to the charger (C).



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If the terminals are connected in reverse, the warning LED ⚠ will light up. Before continuing the charging process, switch the position of the terminals.



DECLARACIÓN DE CONFORMIDAD
DECLARATION OF CONFORMITY
DÉCLARATION DE CONFORMITÉ
KONFORMITÄTSERKLÄRUNG
CONFORMITEITSVERKLARING

Nosotros, We, Nous, Wir, Wij

FERVE, S.A.

declaramos, bajo nuestra única responsabilidad, que el producto
declare, under our sole responsibility, that the product
déclarons, sur notre seule responsabilité, que le produit
erklären, in alleiniger Verantwortung, daß das Produkt
verklaren, onder onze eigen verantwoordelijkheid, dat de producten

Cargador de baterías / Battery charger / Chargeur de batteries / Batterieladegerät / Acculader

F-2507

al cual esta declaración se refiere, es conforme a la siguiente norma:
to which this declaration relates, is in conformity with the following standard:
auquel se réfère cette déclaration, est conforme à la norme :
auf das sich diese Erklärung bezieht, mit der folgenden Norm:
waar deze verklaring zich op richt, in overeenstemming is met de volgende standaard:

EN 60335-1:2012

EN 60335-2-29:2006

EN 55014-1:2008

EN 55014-2:1998

según las disposiciones de la Directiva:
following the provisions of Directive:
conformement aux dispositions de Directive :
Gemäß den Bestimmungen der Richtlinie:
volgens de richtlijn:

2006/95/CE

2004/108/CE

El Vendrell, 2013

E GARANTÍA

FERVE garantiza este aparato contra todo defecto de fabricación o de las piezas durante un período de 24 meses a partir de la fecha de compra. Quedan excluidos los daños provocados por errores de manejo, suciedad, conexión o energía inadecuada, accidentes y en general aquellos que provengan de causas externas al aparato. Cualquier otra prestación comprometida por el distribuidor será de la exclusiva responsabilidad del mismo. El presente documento tampoco cubre los deterioros ocasionados a otros bienes como consecuencia de un defecto del aparato garantizado. Esta garantía solamente tendrá validez acompañada de la factura de compra original o el recibo del establecimiento. Esta garantía perderá su vigencia cuando el aparato sea manipulado por personal o talleres ajenos a nuestros servicios técnicos.

GB WARRANTY

FERVE warrants this device against all-defective or faulty manufacturing or parts for a period of 24 months as of the purchase date. This warranty excludes damages caused by mishandling, dirt and filth, improper connection or power, accidents and, in general, any damages arising from causes that are external to the device. Any other warranty performance agreed to by the distributor shall be the exclusive liability of this party. Furthermore, this document does not cover wear or damage caused to other goods or assets as a result of a fault in the device under warranty. This warranty is only valid when accompanied by the original invoice or sales receipt. This warranty shall lose validity if the device is handled by personnel or shops not related to our technical service.

F GARANTIE

FERVE garantit cet appareil contre tout défaut de fabrication ou des pièces pendant une période de 24 mois à compter de la date d'achat. Sont exclus les dommages provoqués par des erreurs de manipulation, de la saleté, un branchement ou une source d'énergie incorrects, des accidents et, en règle générale, tous les dommages provoqués par des causes ne concernant pas l'appareil. Toute autre prestation de garantie engagée par le distributeur sera sous sa seule responsabilité. Ce document ne couvre pas non plus les détériorations occasionnées à d'autres biens suite à un défaut de l'appareil sous garantie. Cette garantie est valable seulement avec la présentation de la facture original ou le reçu de vente. Cette garantie perdra sa validité si l'appareil est manipulé par du personnel ou des ateliers n'appartenant pas à nos services techniques.

D GARANTIE

FERVE gewährt eine Garantie auf dieses Gerät, welche jeglichen Herstellungsfehler bzw. Fehler an den Teilen über einen Zeitraum von 24 Monaten ab Kaufdatum abdeckt. Zudem sind von der Garantie Beschädigungen aufgrund von Handhabungsfehlern, Verschmutzung, unsachgemäßem Anschluß bzw. ungeeigneter Energiezufuhr, Unfälle und im allgemeinen jene Beschädigungen und Unfälle, die aufgrund von geräteexternen Ursachen hervorgerufen wurden, ausgeschlossen. Jede weitere Garantieleistung, zu der sich der Verkäufer verpflichtet, fällt ausschließlich in dessen Verantwortungsbereich. Dieses Dokument deckt ebensowenig die Schäden an anderen Gütern ab, die sich infolge eines Fehlers des durch die Garantie abgedeckten Gerätes ergeben könnten. Diese Garantie ist nur gültig, wenn sie von der ursprünglichen Rechnung begleitet wird, oder Verkäufe quittieren. Diese Garantie verliert ihre Gültigkeit, wenn am Gerät Eingriffe durch Personal Oder Werkstätten, die nicht unserem technischen Service angehören, vorgenommen wurden.

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FERVE garandeert dat dit apparaat vrij is van defecten, in onderdelen of constructie, gedurende 24 maanden na datum van aankoop. Uitgesloten van de garantie is de schade die het gevolg is van een verkeerde bediening, vuil, niet geschikte aansluiting of voedingsbron, ongevallen en in het algemeen alle schade die door externe oorzaken aan het apparaat veroorzaakt is. Elke andere garantiebepaling die met de distributeur overeengekomen is, valt geheel en uitsluitend onder de verantwoordelijk van de distributeur. De garantie dekt geen schade aan andere goederen die het gevolg zijn van een defect van het apparaat, voorwerp van de garantie. Zulks waarborg zit uitsluitend vigerend wanner vergezeld tegen naar de originele factuur of Omzet stortingsbewijs. Deze garantie verliest haar geldigheid wanneer het apparaat door personeel of werkplaatsen behandeld wordt die niet door ons erkend zijn.