

INSTALLATION INSTRUCTIONS BATTERY BOX

1. Introduction

The Thetford Battery Box is intend to accommodate an auxiliary battery in a caravan or motorhome (RV). The Battery Box has a CE socket to connect the RV to a 230 V power supply. Inside the Battery Box there is the option to fit several sockets and outlets.

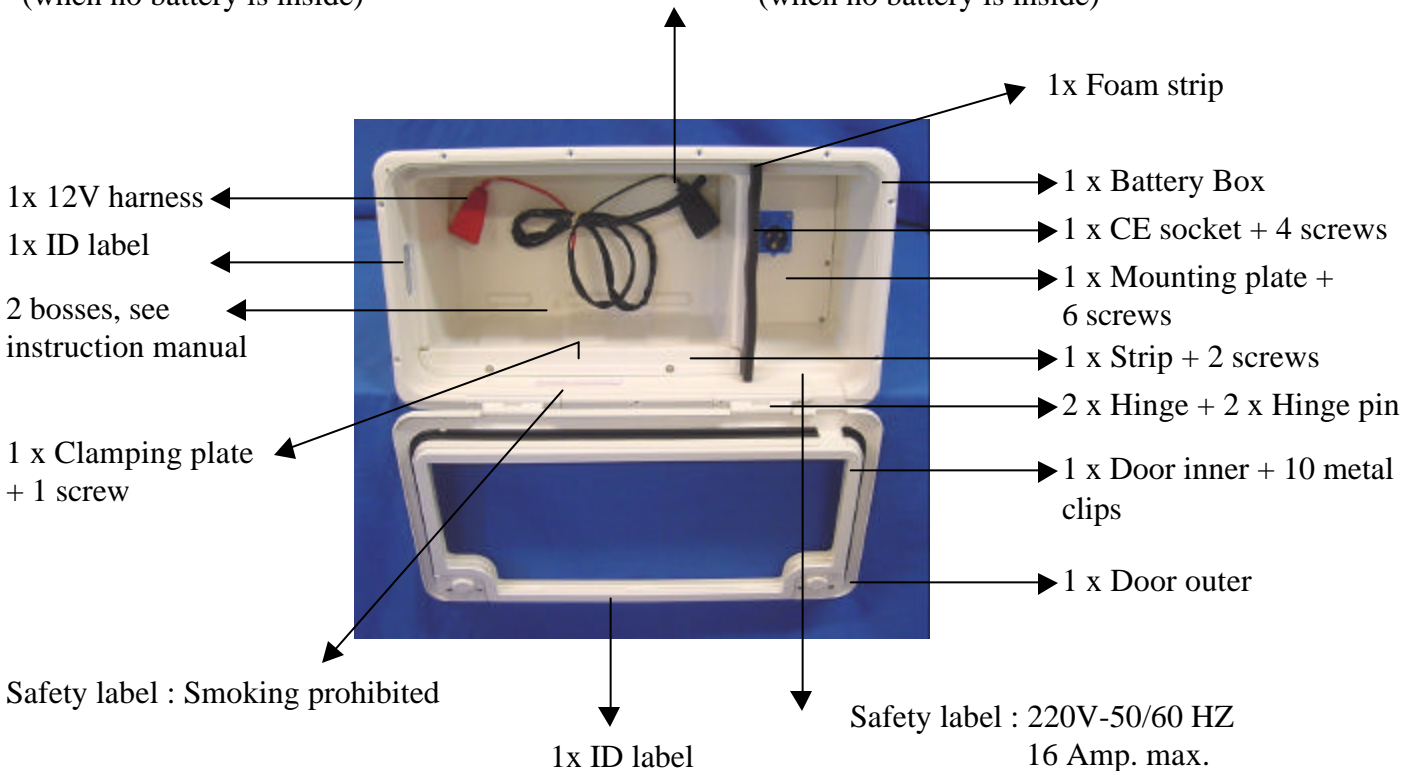
Panel thickness : The door can be fitted with panels ranging in thickness from 23 to 40 mm.
The Battery Box itself has no limitation to the panel thickness.

1.1 Main parts

When opening the package, please check that all materials listed below (main parts) are present. If any of the listed parts is not present, please contact your Thetford representative, or Thetford office.

Two hooks inside to keep battery terminals apart
(when no battery is inside)

or Velcro tape inside to keep battery terminals apart
(when no battery is inside)



Lock mechanism is optional.

2. Precautions and safety instructions

CAREFUL!

- A.** As the Battery Box is manufactured from polypropylene, it is resistant to temperatures up to 60 degrees Centigrade. Installing the Battery Box in a position where it will be exposed to higher temperatures will invalidate the warranty and could lead to an adverse effect on the product.

- B.** The polypropylene material the box is made of has specific properties that make it necessary to check the compatibility of the sealant type with the polypropylene. Please check for the chemical influence the sealant or any solvent might have on the polypropylene, especially at elevated temperatures. Also please check for proper adhesion of the sealant to the polypropylene. Thetford recommends butyl tape without solvent.

3. Installation

WARNING! * As the Battery Box is manufactured from polypropylene, it is resistant to temperatures up to 60 degrees Centigrade. Installing the Battery Box in a position where it will be exposed to higher temperatures will invalidate the warranty and could lead to an adverse effect on the product.

** The polypropylene material the box is made of has specific properties that make it necessary to check the compatibility of the sealant type with the polypropylene. Check for the chemical influence the sealant or any solvent might have on the polypropylene, especially at elevated temperatures. Also check for proper adhesion of the sealant to the polypropylene. Thetford recommends butyl tape without solvent.

Choose a location* for the Battery Box. For overall dimensions of the Battery Box see drawing LE-191 Rev. A. When preparing for installation, please refer to the original Thetford drawing LE-195 Rev. A. for the exact specifications relating to cut out sizes.

The panel that is cut out from the wall has to be used as an infill for the door, any damage to it during the cutting or handling will be visible on the final result, therefore only cut in the places where instructed. Having cut the hole in the wall panel, apply sealant between Battery Box and outside wall in order to avoid water ingress. The Battery Box is made of polypropylene (PP), therefore it is important to ensure that the sealant** used is suitable for this material. Thetford recommends Butyl strip (without any solvent) for this purpose.

It is absolutely essential that a support is placed underneath the battery compartment according to drawing LE-193. The support should, if possible, be fitted after placement of the box in the wall. This can only be done if the position can be reached from the inside. If this is not possible the support should be placed in advance. The support used should be able to hold the weight of the battery (up to 30 kilos).

The screws used to fasten the box and both hinges to the panel should be adapted to the thickness of the wall, therefore they are not supplied with the package. Before mounting the Battery Box, first both hinges should be placed over the ribs in the Battery Box. When Battery Box is mounted, place metal clamping plate and strip into position. The battery clamps must be attached to the two hooks at the rear of the Battery Box or attached to each other by using the velco strips. This will ensure they will not make contact with each other and cause a short circuit.

The panel that has been cut out of the side of the vehicle, should be adapted in size according to drawing LE-195 Rev. A, in order to fit in the door outer. Apply sealant between door outer and the panel in order to avoid water ingress.

Note : The panel has to be placed in the door outer. After this the door inner can be pressed into the door outer.

When pressing the door inner into the door outer, support the bottom of the door outer properly, as this surface is not flat and may deform or damage under undue pressure.

Remove excess sealant or tape, and mount the door to the Battery Box.

Note : Before or after the mounting of the door, the locks (if applicable) can be inserted.

4. Cleaning and maintenance

- WARNING!** - Use protective clothing and glasses when handling a leaking battery, and avoid direct contact to the skin, eyes and respiratory system.
- Should a battery leakage occur, please act according to the instructions supplied by the manufacturer of the battery. Act with caution because of the caustic substances in the battery.
 - Always remove the battery and the power cable before carrying out any maintenance to the product.
 - Use a soft cloth or sponge and a non-acid/abrasive detergent when cleaning the Battery Box.

The cleaning of the Battery Box should only be done after all power sources have been switched off, in order to prevent a hazardous situation.

5. Thetford Warranty

1. The Thetford Battery Box is warranted to the original purchaser for two years from the date of purchase.
 2. The warranty covers replacement of parts arising from defects and workmanship and from the inability of the Battery Box to perform its intended function.
 3. In case of a defect apply to original dealer or Thetford Service Centre with proof of purchase.
 4. Defects, which in our judgement occurred from misuse, negligence or accident, are not covered by the warranty. In addition, the warranty does not apply if the product is installed or handled improperly, if the product has been altered in any way, has been repaired by unqualified persons, or if the serial number and/or date has been altered or removed.
- * As the Battery Box is manufactured from polypropylene, it is resistant to temperatures up to 60 degrees Centigrade. Installing the Battery Box in a position where it will be exposed to higher temperatures will invalidate the warranty and could lead to an adverse effect on the product.
5. Thetford products considered to be defective may be returned prepaid directly to Thetford. Any items received which are judged by Thetford to be covered under warranty will be dealt with accordingly. Defective products not considered to be covered by warranty will incur repair, handling and return carriage costs.
 6. No other warranty is given and no personal representative is authorized to make any warranty or assume liability by words or action under any warranty other than that is contained herein.