

ELMDENE INTERNATIONAL LIMITED
3 KEEL CLOSE
INTERCHANGE PARK
PORTSMOUTH
HAMPSHIRE
PO3 5QD, UK

Tel: +44 (0) 23 9269 6638
Fax: +44 (0) 23 9266 0483
Web: www.elmdene.co.uk

BATT-BOX-3802V Remote Battery Box For Up To 2 x 38Ah Batteries

Overview

This unit is suitable for housing backup batteries up to 2.5 metres from a 'Power Supply Unit'. It will accept the following batteries, 2 x 12V 24Ah to 2 x 12V 38Ah maximum (e.g. Yuasa NP24-12 or NP38-12). This battery box meets the requirements of EN54-4 when used in conjunction with a '2405STE Intelligent Switch Mode PSU' and battery extension lead 'BAT-LD-T-24-300'.

IMPORTANT: Only for installation as permanently connected equipment and is NOT SUITABLE for external installation.

Mechanical

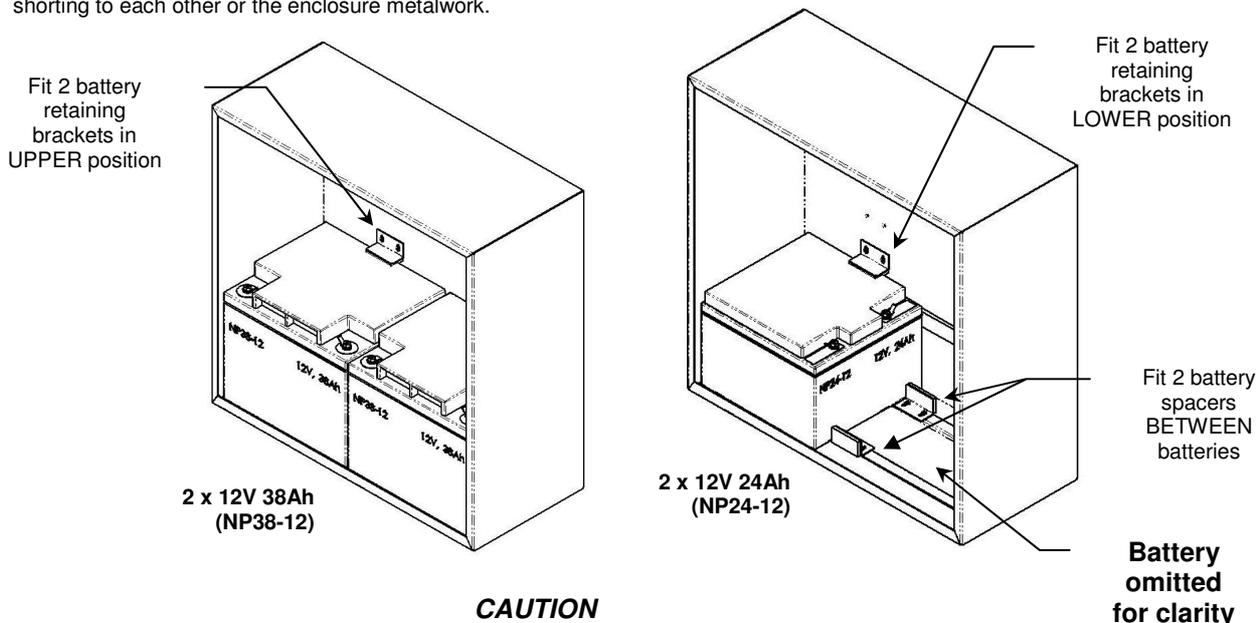
Case material 1.2mm steel, white powder coated
Size 420mm W x 420mm H x 180mm D
Weight 35.2kg (including 2 x 38Ah batteries)

Mounting

- 1) Fix to wall or other support structure in correct orientation i.e. with hinge on left hand side, using screws of sufficient size (4 off No10 or 5mm) and length through the mounting holes. Use wall plugs suitable for the support structure.
- 2) Knock-outs are provided in the case for mating with external trunking or conduit.
- 3) Ensure that all unused holes (on the rear of the case) are sealed to prevent the ingress of damp and dust.
- 4) An earthing stud is provided in the base of the enclosure for a direct earth bond if required.

Battery Mounting

Mount two 12V 24Ah or two 12V 38Ah batteries in lower part of enclosure, see figures below for correct orientation, 38Ah batteries – terminals facing out, 24Ah batteries – terminals facing centre. Note position of brackets for each arrangement. All cabling between the remote boxes and the main box should be routed to use separate case entry/exit holes from other cabling and use suitable bushes to protect the cables. Ensure all terminations on battery terminals are sufficiently insulated to prevent accidental shorting to each other or the enclosure metalwork.



CAUTION

Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the battery manufacturer's instructions
and all local and national regulations

The packaging supplied with this product may be recycled.
Please dispose of packaging accordingly.