

STANNAH LIFTS LTD

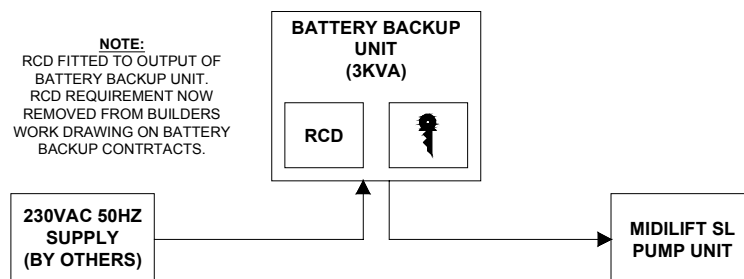
ELECTRICAL TECHNICAL BULLETIN

Date : 04/04/05
Product : Midilift SL Vertical platform lift
Subject : UPS battery backup
Status : Option introduced
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As of 11/05/05 battery backup will be available as an option on the Midilift SL. The battery backup unit will provide 230VAC 50Hz to the lift upon loss of mains supply allowing for travel in both directions. The backup unit incorporates an audible alarm indicating that mains supply is lost and that corrective action is required.

With a fully charged battery backup unit, the lift can be expected to complete a minimum of 10 emergency journeys at full rated load.

The backup unit is mounted within an enclosure (H=480mm, W=210mm, L=640mm) which should be mounted within close proximity to the Midilift SL platform and pump unit. This ensures that the audible alarm can be heard by the user (Note: the enclosure is not externally rated and must be located in a cool, dry area). Connection to the mains supply is as shown below:



An RCD will be installed by Stannah within the battery backup enclosure. It is connected such that during a fault to earth the RCD will isolate the lift from both the mains incoming supply **and** the battery backup supply.

A safety notice will be placed within the battery backup unit enclosure which identifies the correct isolating procedure. In addition, a label will be positioned within the carriage informing the engineer that the lift is provided with a battery backed supply.

Regards

Mike Hood
For Stannah Lifts Ltd.