



Rollerdor

THE ROLLER GARAGE DOOR SPECIALISTS

Battery Backup Installation Guide

Edition 2022/01





1. BATTERY BACKUP INSTALLATION

We offer 2 different battery backup systems, one is for single size opening and the other is for large and double size openings. Both are installed the same way as below but the smaller one will have a smaller battery and transformer meaning it comes in a slightly smaller box.

- 1** Remove the lid of the battery back by unscrewing the fixings, for the small box there are 4 one in each corner for the larger box there are 6 (**fig.1**).
- 2** With the lid off drill a hole through the back of the box (large enough for your fixings) for the 3 fixing positions (**2 at top and one at bottom fig.2**).
- 3** Place the box on the wall, this needs to be between your power supply plug socket and the Control System, making sure the box is flat against the wall, level and square, mark your fixing positions, drill and then secure into position.
- 4** There are 3 cables running out the side of the box, these are labelled on the front cover (**fig.3**):

(1) **Mains In:** This needs running to the power supply (either a plug socket or fused spur), plug or wire in so it is ready to go live when needed.

(2) **Power out:** This needs running to your control system and will need to be wired into the power supply for it, this is usually where the mains in is for your controls (please see your installation manual for your control system).

(3) **Push for Backup Power:** This needs running to where you would like the external activation button to be placed so the battery back up can be activated when needed from outside, drill a hole large enough for the separate switch provided to go on the outside, with the wire inside connect the push connectors to the switch (**fig.4**).

(4) **Red push button:** this is to activate the battery backup from inside the garage (**fig.5**).



fig.1

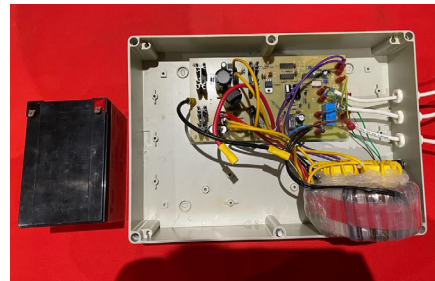


fig.2

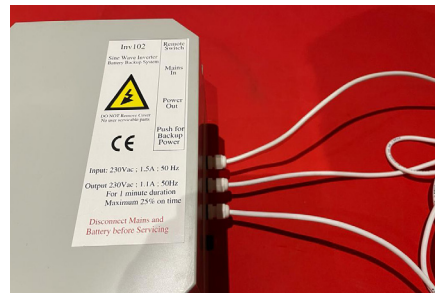


fig.3

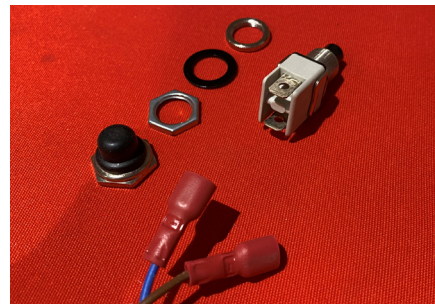


fig.4



fig.5

- 5** Place the battery so it sits on the bottom of the battery backup system and then connect the spade connectors positive red wire to positive red terminal and negative black wire to negative black terminal (**fig.6**).
- 6** Re-attach the lid of the battery backup system.
- 7** The battery backup is now installed, Please be advised* it will take roughly 24 hours for your battery to reach full charge. Turn the mains power on and proceed with your installation of controls if this has not been done already.

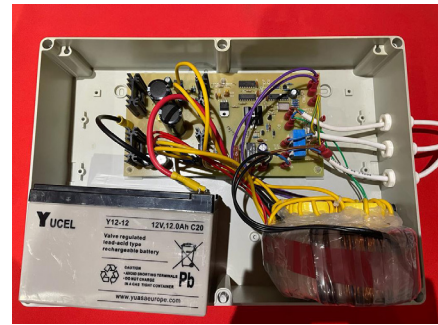


fig.6

2. OPERATION OF BATTERY BACKUP

In everyday use the power supply passes through the battery backup to the control box with a little being diverted to trickle charge the battery so it is ready for use, if you have a power failure please follow the procedures below.

- 1** On finding a power failure press either the external button or the button on the box.
- 2** Wait 30 seconds then use your handset as normal to operate, the power will be supplied for a 5 minute period from pressing the button, if needed press the button again for another 5 minutes of power. Please be aware the unit has roughly 10 activations before the battery will be drained of power.
- 3** Once the power returns the door will go back to normal operation and the battery will be recharged.

3. TESTING OF BATTERY BACKUP UNIT

We advise testing your battery backup every 6 months to check on the condition of the battery, to do this follow the procedure below.

- 1** Turn the power off at the mains supply.
- 2** Press either the external button or the button on the box then wait 30 seconds before using your handset to operate as normal.
- 3** Should your control box operate like normal then wait for 6 minutes before turning the power back on, should the battery struggle or not work then it will need replacing with a like for like version.

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