

EUED LED Emergency Converter

These instructions should be read carefully and retained for further reference and maintenance.

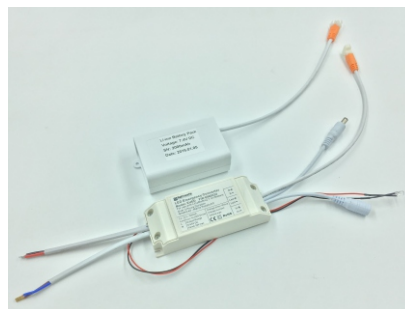
- Universal Emergency Driver that can convert any LED 3W-30W luminaire in to an emergency fitting (battery pack required)
- Battery pack not supplied - EUEBP required
- LED Panel driver not supplied, the LED panel Driver will be required

Technical data

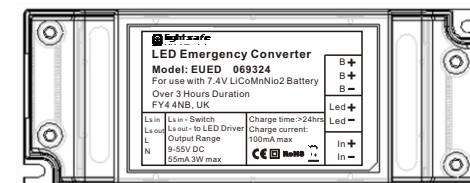
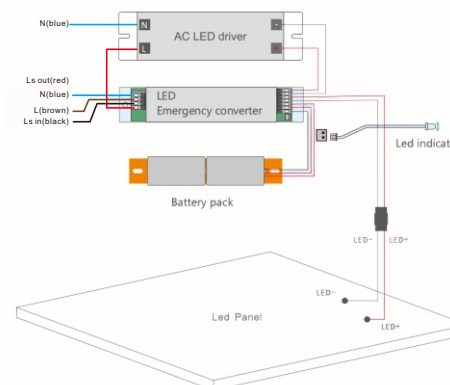
- Input rated voltage: 230V AC 50-60Hz
- Power Factor: > 0.6
- Recharge time: 24 hours
- Charge mode: trickle re-charging on battery
- Output emergency power 3 wattage constant power output
- Output voltage DC 9-55V
- Battery capacity (LiCoMnNiO₂): 2000mAh
- Battery Charging Current: 0-100mA
- Emergency Duration: 3 hour
- Charging indicator light
- Green LED on - 230V AC supplied and battery connected
- Green LED off: No 230V AC or no battery connected
- Operating Temperature: -10°C ~ 60°C
- IP Rating: IP20
- Size: (L)118 (H)46 (D)27.5mm
- Weight excluding Battery pack: 97g
- Weight including Battery pack: 230g

IMPORTANT NOTE:

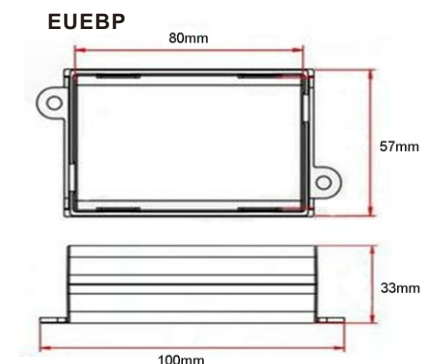
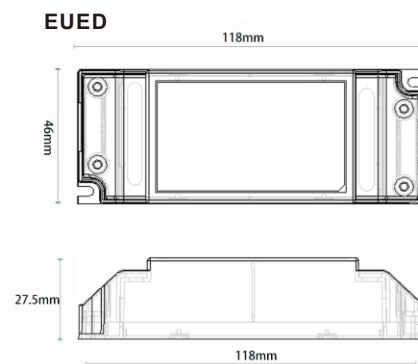
The luminaire must be installed by a skilled electrician and to the most current electrical wiring and building regulations
This product MUST NOT be subject to an electrical insulation test (500/1000v) which will not be covered by the warranty
This luminaire is NOT suitable to be used with dimmer switches
This product should not be modified in any way, if modified this will invalidate any warranties and Lightsafe will not be liable for any damages caused
The person carrying out the installation is to check and verify that the total load on the circuit, including the rating of the cable, fuse and/or circuit breaker is not exceeded
It is the responsibility of the installer to consider any fire risks and breach in any fire protection barriers or partitions, and take the appropriate precautions
Emergency lighting should be installed and maintained in accordance with BS5266 and BS EN50172.



Wiring Diagram



Dimensions



INSTALLATION

- 1.Ensure the mains supply is isolated
- 2.The LED Driver that is supplied with the LED panel will need to be connected to the EUEBP pack. The Red wire of the EUEBP will need to be connected to Live input the existing LED panel driver and neutral to neutral. The DC Plug will need to be plugged in the socket of the EUEBP pack.
- 3.For non-maintained operation a permanent 230v AC supply is required to the permanent live (Un-Switched Brown wire) and neutral (N) wires of the EUEBP driver.
- 4.For maintained operation for switched or continuous illumination this can be achieved by connecting a Switch Live to the Black wire.
- 5.Ensure a suitable IP rated junction box is required for the premade AC electrical connections and that a cable clamps is used to keep the cables secure and that ALL electrical connections are tight and secure with no loose strands
- 6.Plug the EUEBP battery leads in to the EUEBP connector
- 7.Ensure there is at least 100mm of free space around the top of the luminaire, driver and battery pack and ensure no insulation is placed on top of the driver and battery pack or its associated parts.
- 8.Restore the mains supply, the green charge LED should be illuminate
- 9.Allow 24 hour to charge the batteries and record the installation date in the log book
- 10.After a 24 hour charge period test the luminaire for a full 3 hour duration by removing the 230v AC supply and record the date of the commissioning on the battery pack inside the luminaire and also in the log book
- 11.Subsequent testing should be carried out in accordance with the British/European standards and recorded in the log book

TESTING

- Ensure the luminaires are tested in accordance with 5266-8:2004 / BS EN 50172:2004
- Daily:** Ensure the green charge LED is illuminated
- Monthly:** Simulate a mains power supply failure, for a period of time sufficient to ensure that each lamp is illuminated and then recorded in the log book
- Annually:** Similar test to a monthly but the full emergency duration should be tested.
- Defects:** Any defects or failures should be noted and recorded in the log book and actioned by a competent person as soon as possible

Maintenance

Repairs should only be carried out by suitably qualified person
Servicing should only be carried out after the fitting has been made electrically safe and the battery disconnected.

Environment:

Please DO NOT dispose of electrical items or packaging as unsorted waste, use the recycling facilities provided by your local authorities.

Warranty:

This product is covered by an extended warranty for 3 years from date of purchase.
Batteries are regarded as a consumable item, and as such, are not covered by the Extended Warranty periods and are only covered by a 1 year warranty.
The extended warranty is available following installation in the UK or Ireland by a competent person in accordance with the current building and IEE wiring regulations.
For full terms and conditions in regards to our extended warranty please refer to the website.

Due to our policy of continuous improvement we reserve the right to change specification without prior notice.
Errors and omissions excepted. These instructions have been carefully checked prior to publication.
However, no responsibility can be accepted by Firesafe for any misinterpretation of these instructions.

LIGHTSAFE

Distributed by: FIRESAFE
10 Sandersons Way,
Blackpool, FY4 4NB
Email: sales@firesafe.co.uk
Web: www.firesafe.co.uk



INSTALLATION / TEST RECORDS		Location:		Part No:	Date:	Date:			
		Installed By	Comissioned By:						
MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	Short								
2	Short								
3	Short								
4	Short								
5	Short								
6	Short								
7	Short								
8	Short								
9	Short								
10	Short								
11	Short								
12	Full Duration								