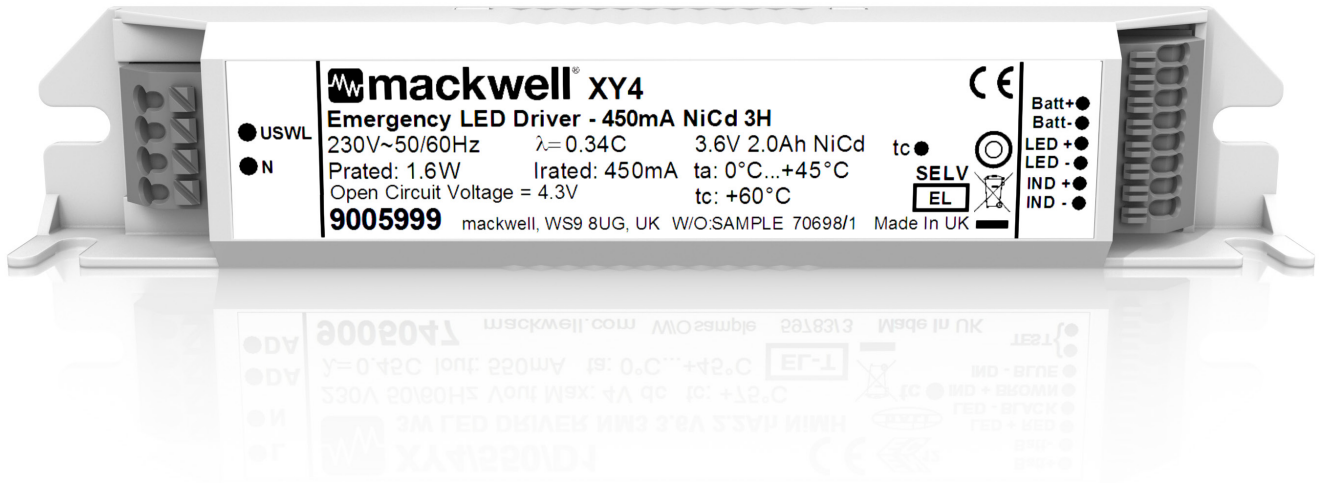


ELEDD XY4

Emergency LED Driver



Images are for illustrative purposes only

ELEDD XY4



Small Emergency LED Driver

Emergency LED Driver

The ELEDD XY4 is a non-maintained emergency conversion module, consisting of a battery charger with short circuit protection and a constant current driver for operation of a single high power LED.

The module has reinforced insulation between the supply and battery circuit and incorporates deep discharge protection circuitry to protect the batteries.

Mackwell has a range of LED lamp heads that can be used with this driver, which are available separately or as part of an LED Conversion Kit.

Key features:

- Drives a single high power LED
- 450mA output
- Small module size
- Deep discharge protection
- SELV compliant
- 3 hours rated emergency duration



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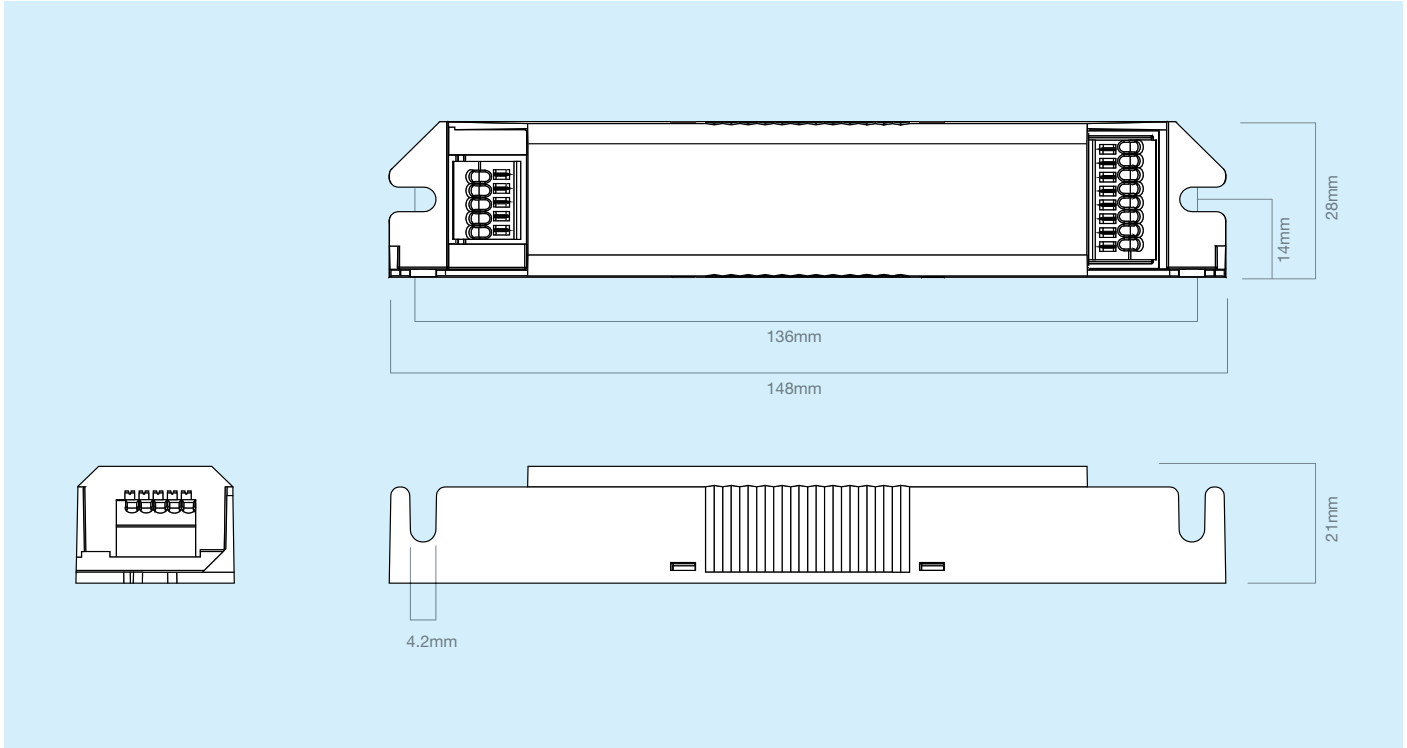




ELEDD XY4

Emergency LED Driver

Dimensions



Specifications

Driver Specification

Rated supply voltage	: 230 V
Supply frequency	: 50/60 Hz
Supply current (max)	: 20 mA
Power factor	: 0.34
Input power	: 1.35 W
Rated output power	: 1.6 W
Rated output current	: 450 mA
Ambient temperature (ta)	: 0 to +45°C
Max case temperature (tc)	: 60°C
Conductor size	: 0.2 - 0.5mm ²
Battery charge current	: 90 to 110 mA
Battery discharge current	: 420 to 475 mA
Battery charge voltage	: 3.0 to 5.25 V
Battery discharge voltage	: 3.0 to 4.65 V
Rated emergency duration	: 3 hours
Charging time	: 24 hours
Weight	: 44g

Relevant Standards

EN 61347-2-7
EN 61347-2-13
ICEL 1004
BS 5266-1

Technology Options

Standard

For applications where self-testing is not required or suitable, the non-AutoTest® option provides the same quality and performance expected of Mackwell products, without the AutoTest® feature.



ELEDD XY4

Emergency LED Driver

Order codes

Standard

Order Code	Description
9005999	ELEDD XY4 450mA NiCd 3H

Batteries

Order Code	Description
9001694	Battery NiCd 3C 3.6V 2Ah Stick (KRMU 23/43)



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