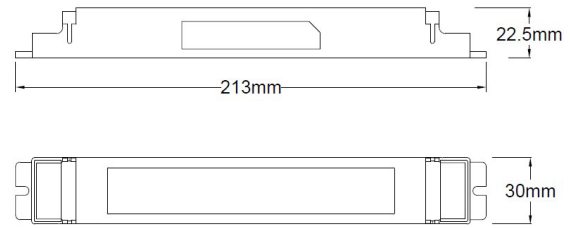
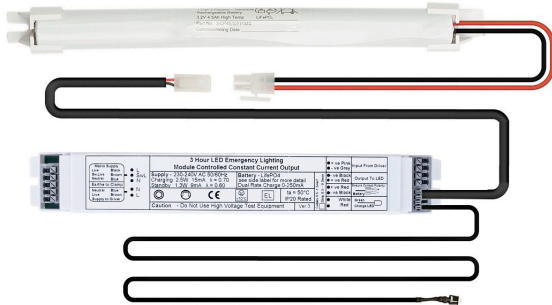


# Technical Specification

## TLP/1S - High Voltage LED Conversion Range



Fixing Centres 207mm

The TLP/1S range is supplied as a conversion kit for integral use within a luminaire.

- Slim Module Suitable for Linear Applications
- Operates Loads in the Voltage Range 50-300V
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO<sub>4</sub> Batteries
- Average Emergency Power - 2.3W
- 3rd Party Tested and Certified by TÜV
- Module TM65.2 Rating - 7.10kg CO<sub>2</sub>e
- Battery TM65.2 Rating - 1.32kg CO<sub>2</sub>e

A 3-hour emergency lighting conversion kit which operates with Long Life LiFePO<sub>4</sub> batteries. The unit is designed to suit an extremely wide range of LED types and circuits. The TLP/1S automatically adjusts the output LED current to provide the best match between the battery and the load, providing maximum illumination whilst ensuring full battery duration.

The batteries used with this unit not only provide double the life of traditional emergency lighting batteries, but consume far less power during their operational life.

There are 2 main versions available -

### Order Codes

**TLP/1S-K** For LED loads operating in the Voltage range of 50 - 300V. For integral use. Supplied as a module, slim 3-cell battery and green charge indicator with mounting collar.

### Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating (charging)	2.5W 15mA $\lambda = 0.7$	Max Battery Tc	55 °C
Power Rating (standby)	1.3W 9mA $\lambda = 0.6$	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 4.8Ah LiFePO <sub>4</sub> Cell	Ingress Protection	IP20
Charge Current	225mA nominal	Terminal - Push Wire	0.5mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Module Weight	0.11Kg	Module Dimensions (LxWxH)	213 x 30 x 22.5 (f/c 207mm)
Battery Weight	0.14Kg	Battery Dimensions (LxWxH)	230 x 24 x 22 (f/c 220mm)

\*After its initial charge, the TLP/1S will spend 90% of its operational life in the standby mode

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