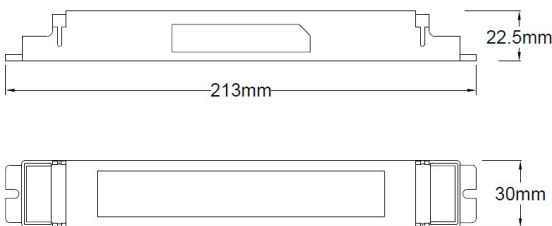
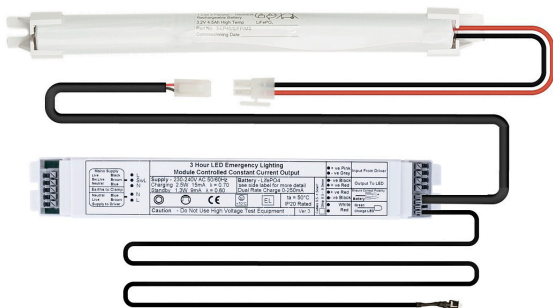


Technical Specification
TLP/1S -
High Voltage LED Conversion Range



Fixing Centres 207mm

- Slim Module Suitable for Linear Applications
- Operates Loads in the Voltage Range 50-300V
- Deep Discharge Protection
- Low Power Consumption
- Average Emergency Power Output - 2.4W
- 3rd Party Tested and Certified by TÜV
- Module TM65.2 Rating - 7.10kg CO₂e
- Battery TM65.2 Rating - 1.32kg CO₂e
- Features Battery Temperature Protection

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

A 3-hour emergency lighting conversion kit which operates with Long Life LiFePO₄ 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 charger will cut-off if the Tc of the battery falls below 0 degrees C or above 55 degrees C. The product will however operate when required in emergency, providing there is sufficient capacity remaining in the battery.

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.
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Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta and Tc	Ta = 50 °C & Tc = 70 °C
Power Rating (charging)	2.5W 15mA λ = 0.7	Battery Temp. Parameters	0 °C to 55 °C
Power Rating (standby)	1.3W 9mA λ = 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 ₄ Cell	Ingress Protection	IP20
Charge Current	225mA nominal	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
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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