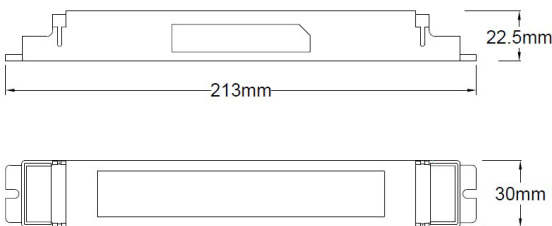


Technical Specification  
TLP/2S -  
LED Conversion Range



Fixing Centres 207mm

The TLP/2S 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 55-300V
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power Output - 5.4W
- 3rd Party Tested and Certified by TÜV
- Features Battery Temperature Protection

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/2S 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 is one main version available -

Order Codes

TLP/2S-K	For LED loads operating in the Voltage range of 55 - 300V. For integral use. Supplied as a module, slim, 2 stick, 6-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)	3.7W 20mA λ = 0.74	Battery Temp. Parameters	0 °C to 55 °C
Power Rating (standby)	1.4W 10mA λ = 0.57	Battery Discharge Current	1100mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	5.5 Volts
Battery Size & Type	6.4V 4.8Ah LiFePO4	Ingress Protection	IP20
Charge Current	225mA Nominal	Terminal - Push Wire	0.5mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Module Weight	0.12Kg	Module Dimensions (LxWxH)	213 x 30 x 22.5 (f/c 207mm)
Battery Weight	0.29Kg	Battery Dimensions (LxWxH)	2No. 230x24x22 (f/c 220mm)

\*After its initial charge, the TLP/2S will spend 90% of its operational life in the standby mode