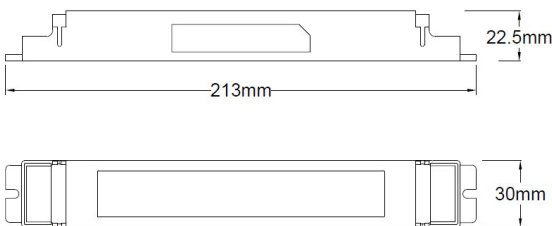


Technical Specification  
TLP/2 -  
LED Conversion Range



Fixing Centres 207mm

The TLP/2 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 - 4.4W
- 3rd Party Tested and Certified by TÜV
- Features Battery Temperature Protection

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/2 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/2-K** For LED loads operating in the Voltage range of 50 - 300V. For integral use. Supplied as a module, 2-cell LiFePO<sub>4</sub> battery in a stick formation and green charge indicator with mounting collar.

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	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	5.0 Volts
Battery Size & Type	6.4V 3.8Ah 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	0.20Kg	Battery Dimensions (LxWxH)	157 x 26.5 x 28 (f/c 150mm)

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