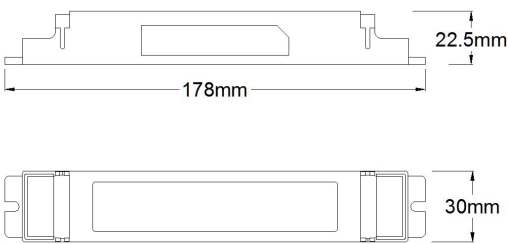


Technical Specification
NLP/1S/80 -
LED Conversion Range



Fixing Centres 172mm

- Slim Module Suitable for Linear Applications
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 2.6W
- 3rd Party Tested and Certified by TÜV
- Module TM65.2 Rating - 5.75kg CO²e
- Battery TM65.2 Rating - 1.32kg CO²e
- Battery Temperature Protection

There is one main version available -

The NLP/1S/80 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 NLP/1S/80 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 T_c 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 enough capacity remaining in the battery.

Order Codes

NLP/1S/80-K	For LED loads operating in the Voltage range of 6 - 80 Volts.
	For integral use

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Module Ta and Tc	Ta = 40 °C & Tc = 70 °C
Power Rating (charging)	2.7W 17mA λ = 0.67	Battery Temp. Parameters	0°C to 55 °C
Duration	3-Hours	Battery Discharge Current	1A nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	3.2V 4.8Ah LiFePO4	Ingress Protection	IP20
Charge Current	225mA nominal	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
Module Weight	0.085Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
Battery Weight	0.14Kg	Battery Dimensions (LxWxH)	230mmx24mmx21mm(f/c 215mm)