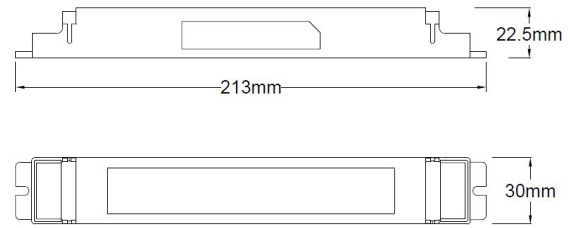
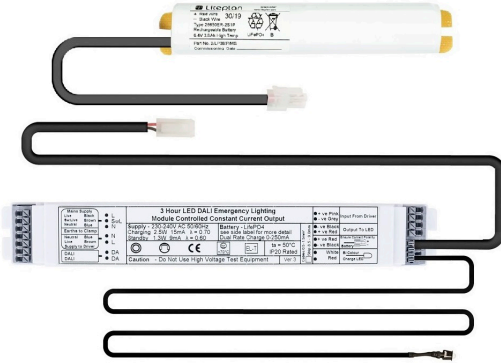


Technical Specification

TNA/2 - DALI Self-Test High Voltage Conversion Range



Fixing Centres 207mm

The TNA/2 range is supplied as a DALI self-test conversion kit for integral use within a luminaire.

Unit operates as either self-test, DALI self-test, or LiteMesh Wireless Self-Test, as required.

- Slim Module Suitable for Linear Applications
 - Operates Loads in the Voltage Range 50-300V
 - Deep Discharge Protection
 - Low Power Consumption
 - Long Life LiFePO₄ Batteries
 - Average Emergency Power - 4.4W
 - Operates as Self-Test if DALI is not Present
 - Operates with LiteMesh Wireless Systems
 - 3rd Party Tested and Certified by TÜV
- 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 TNA/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 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

TNA/2-K For LED loads operating in the Voltage range of 50 - 300V. Supplied as a module, 2-cell battery and bi-colour charge indicator with mounting collar.

TNA/2/TP40 For LED loads operating in the Voltage range of 50 - 300V. Supplied as a two part remote kit with strain relief cables, cased battery and bi-colour 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) | 3.8W 21mA λ = 0.7 | Max Battery Temperature | 55 °C |
| Power Rating (standby) | 1.3W 13mA λ = 0.45 | Battery Discharge Current | 900mA nominal |
| Recharge Period | 24-Hours | Discharge Voltage Limit | 5 Volts |
| Battery Size & Type | 6.4V 3.8Ah LiFePO ₄ Cell | Ingress Protection | IP20 |
| Charge Current | 225mA | 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 | 0.20Kg | Battery Dimensions (LxWxH) | 157 x 26.5 x 28 (f/c 150mm) |

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

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