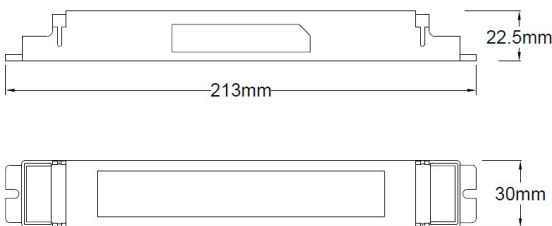


Technical Specification  
T2N/2S - High Voltage  
DALI-2 Self-Test Conversion Range



Fixing Centres 207mm

- Slim Module Suitable for Linear Applications
- Operates Loads in the Voltage Range 55-300V
- Deep Discharge Protection
- Low Power Consumption
- Average Emergency Power - 5.3W
- Operates as Self-Test if DALI is not Present
- Operates with LiteMesh Wireless Systems
- Features Battery Temperature Protection

The T2N/2S range is supplied as a DALI-2 self-test conversion kit for integral use within a luminaire.

Unit operates as either self-test, DALI-2 self-test, or LiteMesh Wireless Self-Test, as required.

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 T2N/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

T2N/2S-K	For LED loads operating in the Voltage range of 55 - 300V. Supplied as a module, 6-cell battery and bi-colour 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)	3.9W 21mA λ = 0.77	Battery Temp. Parameters	0 °C to 55 °C
Power Rating (standby)	1.4W 12mA λ = 0.47	Battery Discharge Current	1100mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	5 Volts
Battery Size & Type	6.4V 4.8Ah 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	0.29Kg	Battery Dimensions (LxWxH)	230 x 24 x 22 (f/c 220mm)

\*After its initial charge, the T2N/2S will spend 90% of its operational life in the standby mode