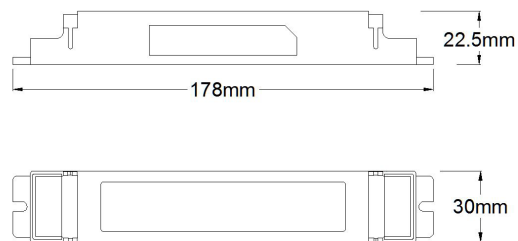
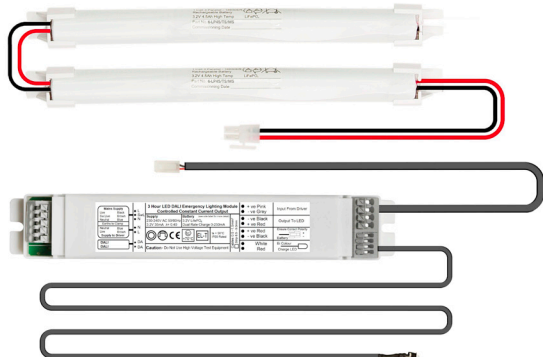


Technical Specification

D2N/2S/80 - High Output

DALI-2 Self-Test Conversion Range



Fixing Centres 172mm

The D2N/2S range is supplied as a conversion kit for integral use within a luminaire. This range offers a higher output which is more suitable for higher power luminaires.

- Slim Module Suitable for Linear Applications
- Deep Discharge Protection
- Low Power Consumption
- Long Life LiFePO4 Batteries
- Average Emergency Power - 6W
- DALI-2 Self-Test Conversion Module
- Suitable for use with LiteMesh

A 3 hour DALI-2 self-test 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 D2N/2S/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.

There is one main version available -

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.

Order Codes

D2N/2S/80-K For LED loads operating in the Voltage range of 10 - 80 Volts.
For integral use

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta	50 °C
Power Rating (charging)*	4W 21mA $\lambda = 0.79$	Max Tc	70°C
Power Rating (charged)*	1.4W 12mA $\lambda = 0.48$	Max Battery Tc	55 °C
Duration	3-Hours	Battery Discharge Current	1.1A nominal
Recharge Period	24-Hours	Discharge Voltage Limit (DDP)	5 Volts
Battery Size & Type	6.4V 4.8Ah LiFePO4 Cell	Ingress Protection	IP20
Charge Current	225mA Nominal	Terminal - Push Wire	0.5mm ² - 1.5 mm ²
Module Weight	0.1Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
Battery Weight	0.274Kg	Battery Dimensions (LxWxH)	2No. 230mmx24mmx22mm

* Following its initial charge, the D2N/2S module will spend 90% of its operational life in standby mode.

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