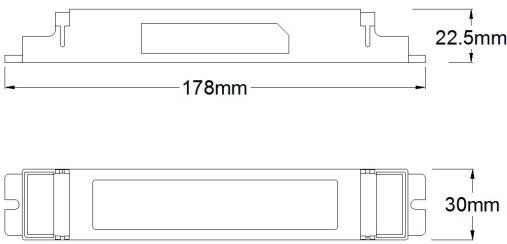
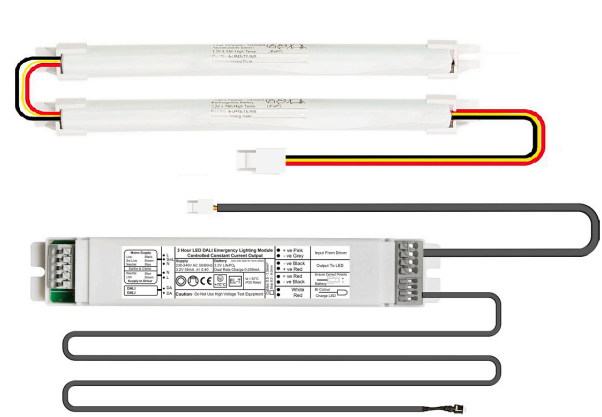


Technical Specification
D2N/2S/80 - High Output
DALI-2 Self-Test Conversion Range



Fixing Centres 172mm

- 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
- Features Battery Temperature Protection

There is one main version available -

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 Module Ta	50 °C
Power Rating (charging)*	4W 21mA $\lambda = 0.79$	Max Module Tc	70°C
Power Rating (charged)*	1.4W 12mA $\lambda = 0.48$	Battery Temp. Parameters	0°C to 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.

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.

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.

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, should there be enough capacity remaining in the battery.