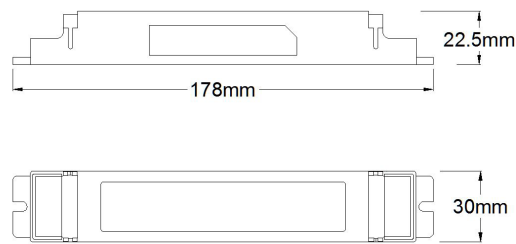
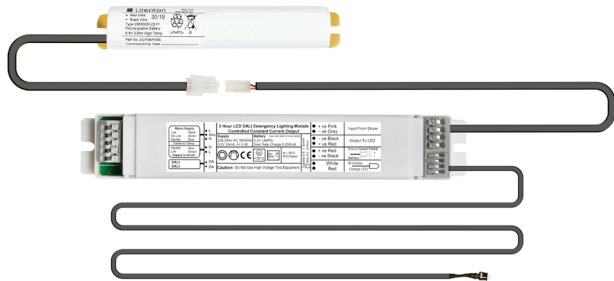


Technical Specification  
DNA/2 - High Output DALI Self-Test  
Conversion Range



Fixing Centres 172mm

The DNA/2 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 - 4.6W
- DALI Self-Test Conversion Module

A 3 hour DALI 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 DNA/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

**DNA/2-K** For LED loads operating in the Voltage range of 6 - 55 Volts.

For integral use

**DNA/2/80-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 Ta and Tc	Ta - 50 °C - Tc - 70 °C
Power Rating (charging)*	3.8W 21mA $\lambda = 0.77$	Max Battery Tc	55 °C
Duration	3 Hours	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.4 Volts
Battery Size & Type	6.4V 3.8Ah LiFePO4 Cell	Ingress Protection	IP20
Charge Current	Dual Rate 0-250mA	Terminal - Push Wire	0.5mm <sup>2</sup> - 1.5 mm <sup>2</sup>
Module Weight	0.1Kg	Module Dimensions (LxWxH)	178 x 30 x 22.5 (f/c 172mm)
Battery Weight	0.38Kg	Battery Dimensions (LxWxH)	158mm x 26.5mm x 28mm

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