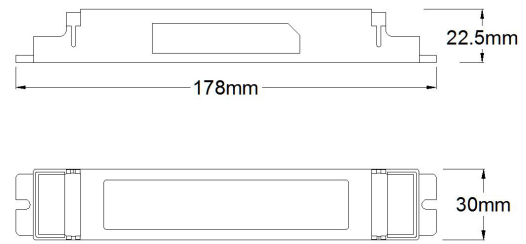
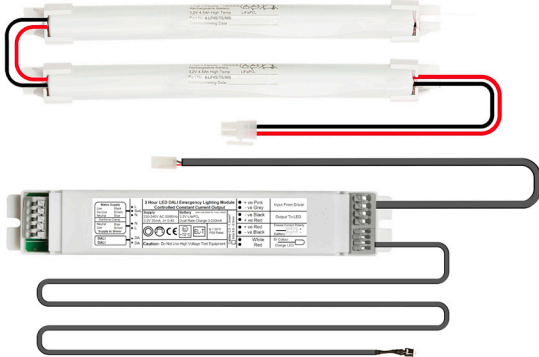


Technical Specification

DNA/2S/80 - High Output DALI Self-Test Conversion Range



Fixing Centres 172mm

The DNA/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 - 5.1W
- DALI Self-Test Conversion Module
- 3rd Party Tested and Certified by TÜV

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/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

DNA/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 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 | 1A nominal |
| Recharge Period | 24-Hours | Discharge Voltage Limit | 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 DNA/2S module will spend 90% of its operational life in standby mode.

Tel +44 (0)1708 372223 | www.liteplan.com | customerservice@liteplan.com | RM3 0AP. UK

Liteplan reserve the right to change colour, price or specification without prior notice