

Battery Module Datasheet



N-Connex. Networks for harsh environments.

Overview

The Battery Module is designed specifically to provide backup power when the main 120/240 VAC power source is shut down. The Battery Module connects to either the Power Module or to the Edge Module, to provide this backup functionality.

The Battery Module is charged by either the Power or Edge modules, depending on the deployed N-Connex configuration. The Battery Module will provide 48VDC and will typically last for 8 hours or more. The actual time is dependant on the overall load, which is determined by the number and type of Power over Ethernet (PoE) devices connected to the module.

The weatherproof IP67 rated enclosure is vented to prevent residual buildup of any hydrogen gas. As with all N-Connex modules it is fit-for-purpose and is designed for harsh environments. The module can be mounted on the NLT proprietary quick-fit rail or be mounted as a standalone device.

Key Features

- Nominal 48 VDC to support active PoE
- Status indicator
- Consistent styling with N-Connex Modules
- Vented, aluminum enclosure provides durability and efficient thermal management
- Recharges automatically via the Power or Edge Module
- Weatherproof IP67 enclosure
- Up to 8 Hours backup depending on load
- Standalone or quick-fit rail mounting

Specifications

Nominal Output Voltage	48VDC
Nominal Capacity	8 AH
Output Connection	Military style, IP67 protected connector
Battery run- time	Up to 8 Hours backup depending on load
Battery Type	Maintenance-free, sealed lead-acid battery, Valve regulated, spill proof construction allows safe operation in any position
Enclosure Protection Class	IP67
Unit Dimensions	380mm(L) x 257mm (H) x 197mm (D) REVISE
Unit Weight	16.9 kg
Operating Temperature	-20°C to 40°C
Ambient Humidity	5% to 95% RH (non-condensing)

Note: Technical specifications are subject to change without notice.

Product Part Numbers

NC0300 Battery Module

Matrix is the authorized sales and service distributor of NLT N-Connex in the United States, Africa and Europe.

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