NeuLog Battery module BAT-200
Part# NL-2002

The Battery module supplies power to a sensor, or chain of sensors, operating in the Off-Line mode, and to sensors connected to an RF Communication module.
This module can be checked for the 'goodness' of its internal battery by pressing its pushbutton. This will turn ON its light emitting diode (LED) when the battery is OK.
The Battery module is a rechargeable battery module that can be recharged by connecting it to the PC's USB socket via the included USB cable.
The Battery module has a LED and a pushbutton switch. The LED indicates whether the battery is charged enough or not when pressing the pushbutton.

Using NeuLog Battery module:

The battery module is required where a sensor or a module is not connected to a PC, MAC or a tablet.

RF Modules
Materials needed:
- 2 RF-200 RF communication modules
- USB-200 USB module
- BAT-200 Battery module
- Any NeuLog sensor
How to use the system is described in RF module guide

Tablet, smart phone device
Materials needed:
- Any NeuLog sensor
- WIFI-201 WiFi Module
- BAT-200 Battery Module

How to use the system is described in the WiFi module guide

Operation with NeuLog viewer
Materials needed:
- Any NeuLog sensor
- VIEW-101 Graphic Display Module
- BAT-200 Battery Module
How to use the system is described in graphic display module guide

Off-line experiments
(Off-line experiments are when you do not have a sensor connected directly to a computer, tablet, smartphone, or NeuLog viewer).
Materials needed:
- Any NeuLog sensor
- BAT-200 Battery Module
Materials needed to configure your offline experiment:
- USB-200 Module, WIFI-201 module or VIEW-101 Module
- USB to mini USB cable (included with the USB-200 module)
How to use the system is described in any sensor guide

Specifications:	
Capacity	370 mAh
Maximum Output Current	0.5 A
Over Output Current Protection	0.5 A
Module Output Voltage	4.7-5 V
Module Input Charging Voltage	4.5 – 6 V
Module Input Current	~ 500 mA

In order to fully charge the battery to its maximum capacity, connect it to the computer with the USB to micro USB cable for about three hours.

The time which the battery lasts depends on how many sensors are connected and what kind. Also, the WiFi module uses more battery life than a sensor by itself. If you use specific sensors, contact our tech support team (choose "contact us" at www.NeuLog.com); they will calculate the battery life for you.

Included in package:

- NeuLog General Guide
- BAT-200 module
- USB to micro USB cable.

Maintenance and storage:

- Never submerge the NeuLog plastic body in any liquid.
- After use, gently wipe away any foreign material from the battery module
- Store in a box at room temperature out of direct sunlight.

Warranty:

We promise to deliver our module free of defects in materials and workmanship for a period of 3 years from the date of purchase. Our warranty does not cover damage of the product caused by improper use, abuse, or incorrect storage. Sensors with a shelf life such as ion selective proves have a warranty of 1 year. Should you need to act upon the warranty please contact your distributor. Your module will be repaired or replaced.

Thank you for using NeuLog!

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