

NEULOG BATTERY MODULE GUIDE



NeuLog Battery module BAT-200

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 USB module 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:

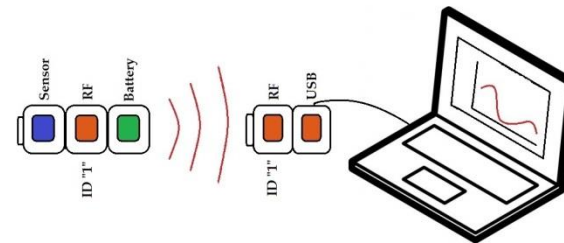
The battery module is required where a sensor or a module is not connected to a PC, MAC or a tablet.

RF Modules

Materials needed:

- 2 RF-200 RF communication modules
- USB-200 USB module
- BAT-200 Battery module
- Any NeuLog sensor

For reference, the image below demonstrates roughly how your setup should appear.



How to use the system is described in RF module guide

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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 sensor 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 sensor 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 sensor module guide

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Specifications:

Capacity	750 mAh
Maximum Output Current	0.5A
Over Output Current Protection	0.5A
Module Output Voltage	5V
Module Input Charging Voltage	4.5 – 6V
Module Input Current	160 mA

Included in package:

- BAT-200 module
- USB to micro USB cable.
- NeuLog Battery module instruction guide (this document)

Maintenance and storage:

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

Warranty:

We promise to deliver our sensor 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 probes have a warranty of 1 year. Should you need to act upon the warranty please contact your distributor. Your sensor will be repaired or replaced.

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Thank you for using NeuLog!



Flexible, simple, fast, forward thinking.

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