



NeuLog Battery Module Guide BAT-202



NeuLog battery module BAT-202

The Battery module supplies power to a sensor, or chain of sensors, operating in the off-line mode, to sensors connected to a RF Communication module and to the SENSE Robotics family.

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 3 colors LED: Red when charging the battery; Green when the charging is completed; Orange when current is consumed from the battery.

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.

Tablet, smart phone device

Materials needed:

- Any NeuLog sensor
- WIFI-201 Wi-Fi Module
- BAT-202 Battery Module

Operation with NeuLog viewer

Materials needed:

- Any NeuLog sensor
- VIEW-101 Graphic Display Module
- BAT-202 Battery Module

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-202 Battery Module

Materials needed to configure your offline experiment:

- USB-202 module, WIFI-202 module or VIEW-101 Module
- USB to mini USB cable (included with the USB-200 module)

How to use the system is described in the General User Guide.

Specifications

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Capacity	2300 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 USB power adaptor with the USB to micro USB cable for about 3-5 hours.

The time which the battery lasts depends on how many sensors are connected and what kind. Also, the Wi-Fi 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

- BAT-202 module.
- USB to micro USB cable.

Maintenance and storage

- Never submerge the NeuLog plastic body in any liquid.
- 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 2 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 module will be repaired or replaced.

Thank you for using NeuLog.