LabQuest Battery Boost 3
Order Code (LQ-BOOST3)

The LabQuest Battery Boost 3 is a rechargeable external battery for your LabQuest® interface and Go Direct® sensors. With the added power of an external battery, you can collect data for extended periods in the field where AC power is not available. Battery life will depend on the type and quantity of sensors being used in an experiment.

> **Note:** Vernier products are designed for educational use. Our products are not designed nor are they recommended for any industrial, medical, or commercial process such as life support, patient diagnosis, control of a manufacturing process, or industrial testing of any kind.

What's Included
- Universal USB Battery Pack
- Power-In cable (A)
- Power-Out cable (B)
- Wall charger

About the Battery Pack
The battery pack has micro USB and USB-C charging ports (1 & 3) to charge the battery pack, two USB ports (2 & 4), a charge indicator light (5), and a power button (6). The battery pack will automatically turn off when not in use.

Testing the Battery Pack
Make sure the battery pack is fully charged before use. To test it, press the power button. Verify that the charge indicator light indicates that the battery is fully charged.

Charging the Battery Pack
Plug in the Power-In cable into the micro USB port on the battery pack. Plug the other end of the cable into any standard USB port or the included wall charger. The battery pack LEDs should light sequentially. This indicates that the battery is charging.

Using the Battery Pack with LabQuest
Connect the Power-Out cable to the LabQuest power port. Plug the other end of the cable into one of the USB ports of the battery pack. Press the battery pack power button. The battery pack LEDs should light and then will turn off. Observe the battery icon of your LabQuest. It should indicate that you are connected to external power.

Using the Battery Pack with a Go Direct Sensor
Connect the Go Direct sensor to the Micro USB cable that was included with it. Plug the other end of the cable into one of the USB ports of the battery pack. Press the battery pack power button. The battery pack LEDs should light and then will turn off. Observe the LED of your Go Direct sensor, it should be blue or orange when charging. (Consult the sensor's user manual to confirm which color to expect.)

Battery Pack Life

The battery pack is rated for 300–500 full charging cycles. Discharge and charge the battery fully every five months to preserve battery life.

Care and Maintenance

- Store between –20 to 35ºC (–4 to 95ºF).
- Charge between 0 to 45ºC (32 to 113ºF).
- Do not expose the battery to high heat or direct flame.
- Dispose of properly. Do not throw in trash or incinerate.
- Do not get battery wet, store in high humidity, or otherwise short circuit.
- Do not disassemble or tamper with battery.

Specifications

Battery type	Li-Polymer
Capacity	12800 mAh
Output	5V, 2A
Input	5–6V/2A Micro USB and 5V/2A USB C
Protection	Short circuit, over charge, over temperature, under temperature

Warranty

Vernier warrants this product to be free from defects in materials and workmanship for a period of 1 year from the date of shipment to the customer. This warranty does not cover damage to the product caused by abuse or improper use.
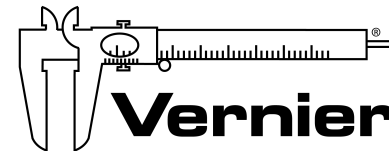
Disposal

When disposing of this electronic product, do not treat it as household waste. Its disposal is subject to regulations that vary by country and region. This item should be given to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring that this product is disposed of correctly, you help prevent potential negative consequences on human health or on the environment. The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, contact your local city office or your disposal service.

Battery recycling information is available at **www.call2recycle.org**

Do not puncture or expose the battery to excessive heat or flame.

The symbol, shown here, indicates that this product must not be disposed of in a standard waste container.