# sparkfun

## Battery Holder - 4xAA to Barrel Jack Connector

PRT-09835

**Description:** This is a simple 4 cell AA battery holder. The 5 inch cable is terminated with a standard 5.5x2.1mm, center positive barrel jack connector.

The connector mates with the barrel jack on the Arduino (among a number of other products) allowing you to easily make your project battery powered.

**Note:** the average voltage regulator has about 1V of dropout (but can vary greatly). This pack, with normal alkaline batteries, will output ~5.5V causing a normal 5V board to run at around 4 to 4.5V. This depends a lot of what board and processor you are using with the battery pack. Please consult yer datasheet.