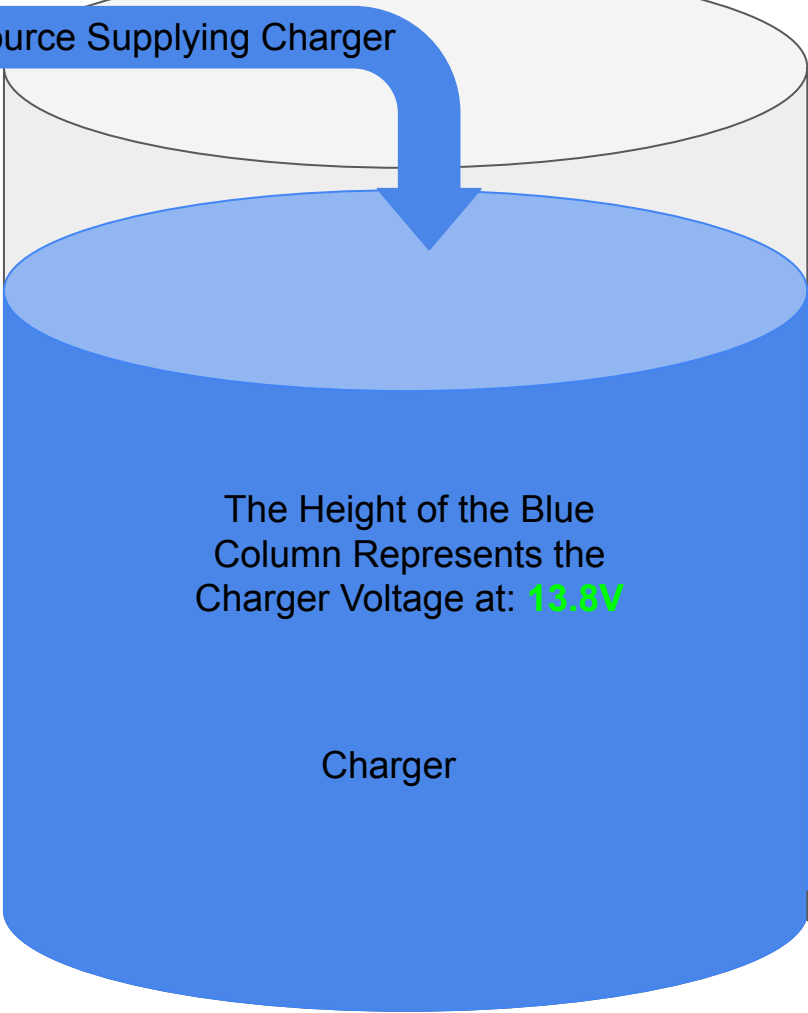


# Using Water Columns to Represent Charging a Battery



The **Height** of this Blue Column Represents the Battery **Voltage** at: **11.6V**

The blue tube between the columns represents the wires and current flowing from the charger to the battery



Full

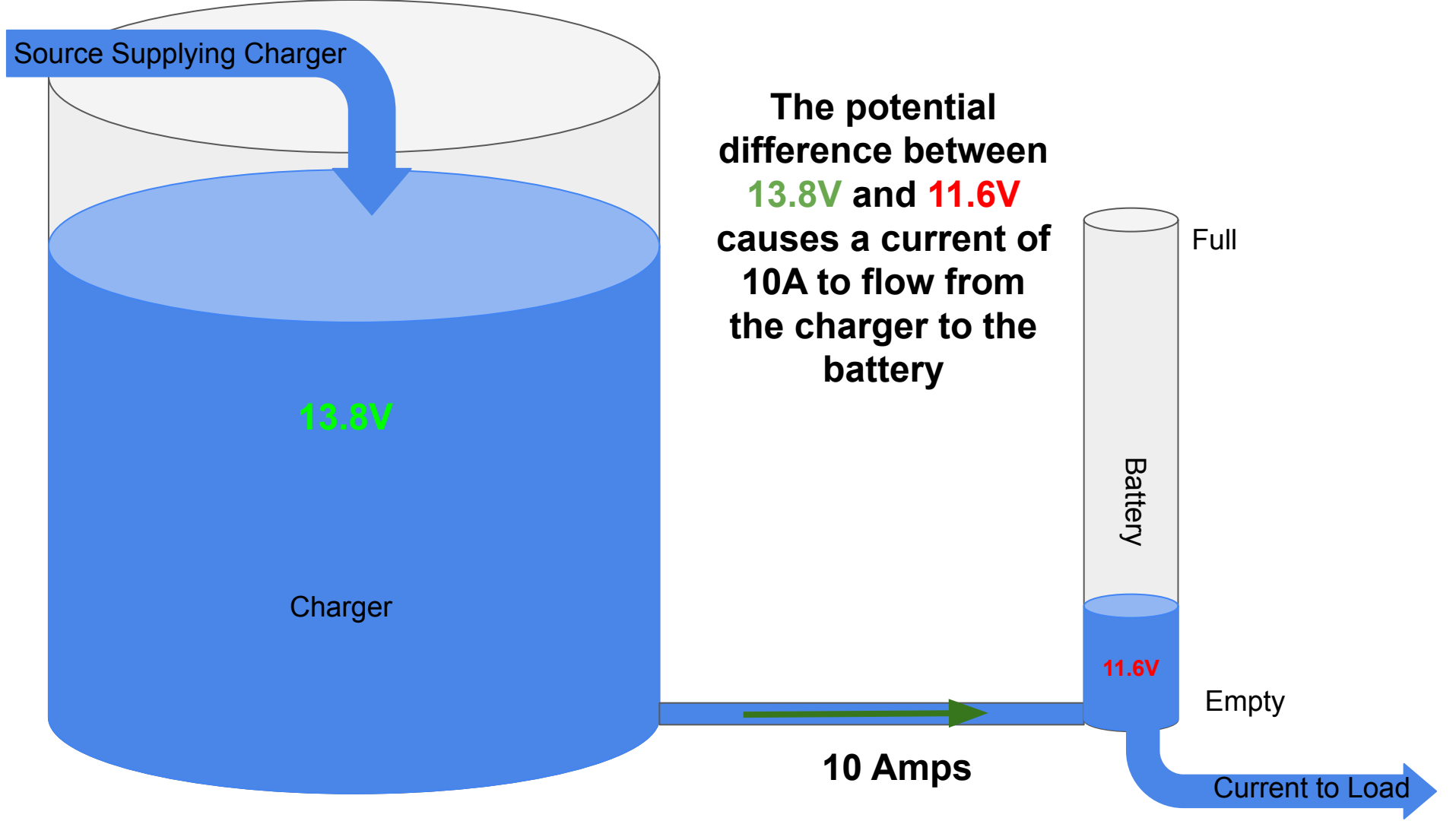
The water flows from the charger to the battery because the water in the charger is **higher** than the water in the battery

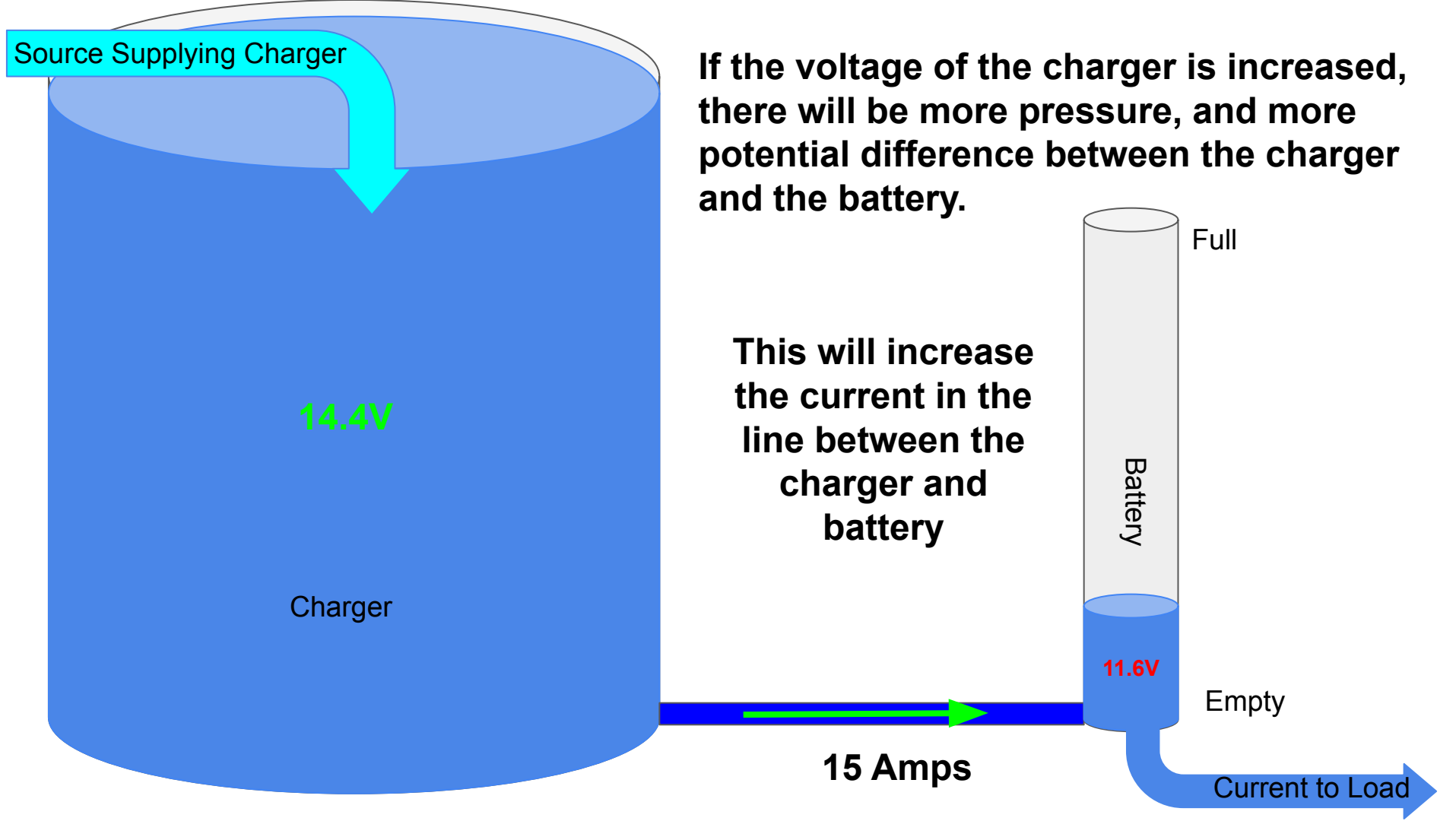
(the diameter has to do with capacity only)

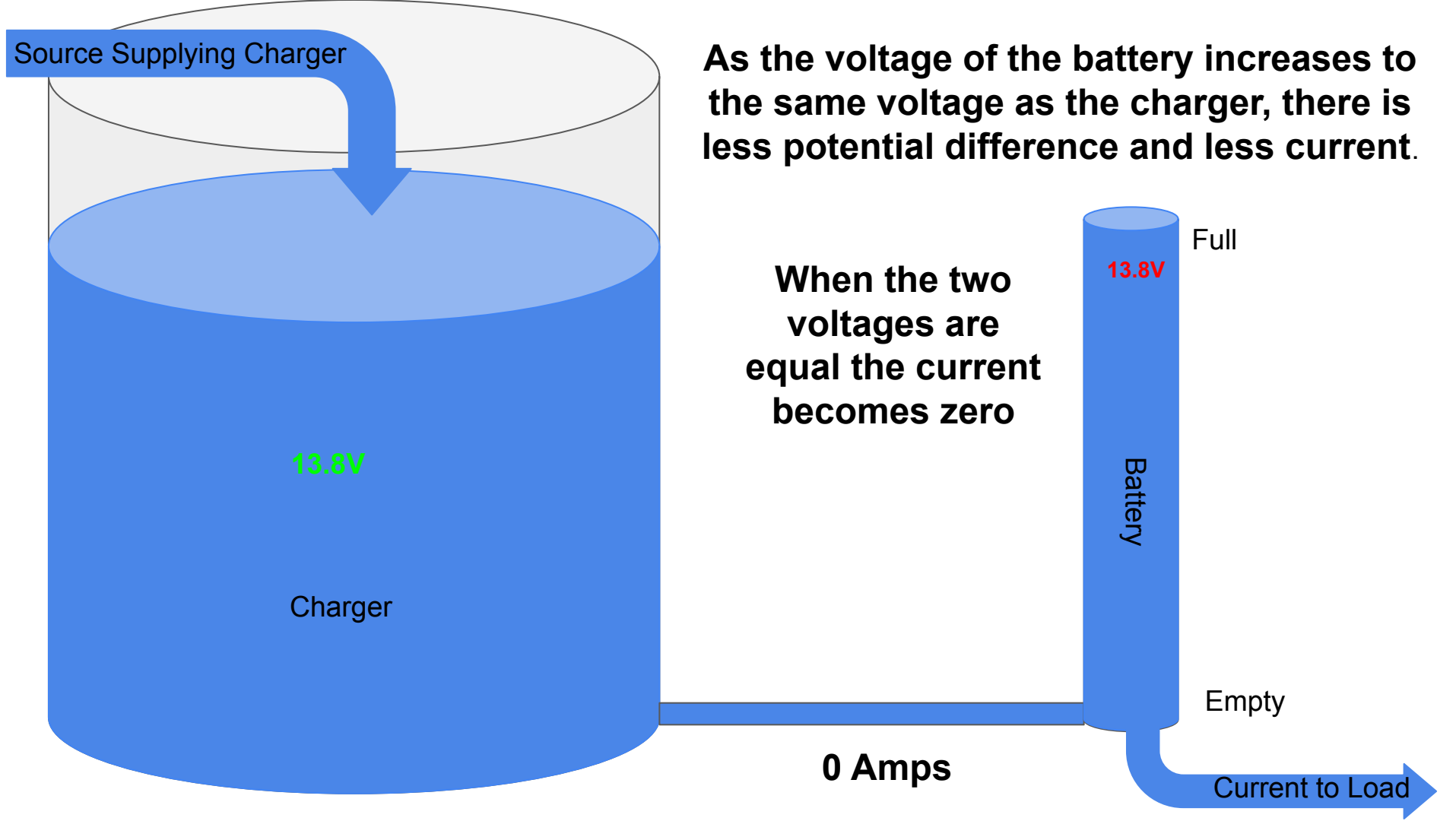
Empty

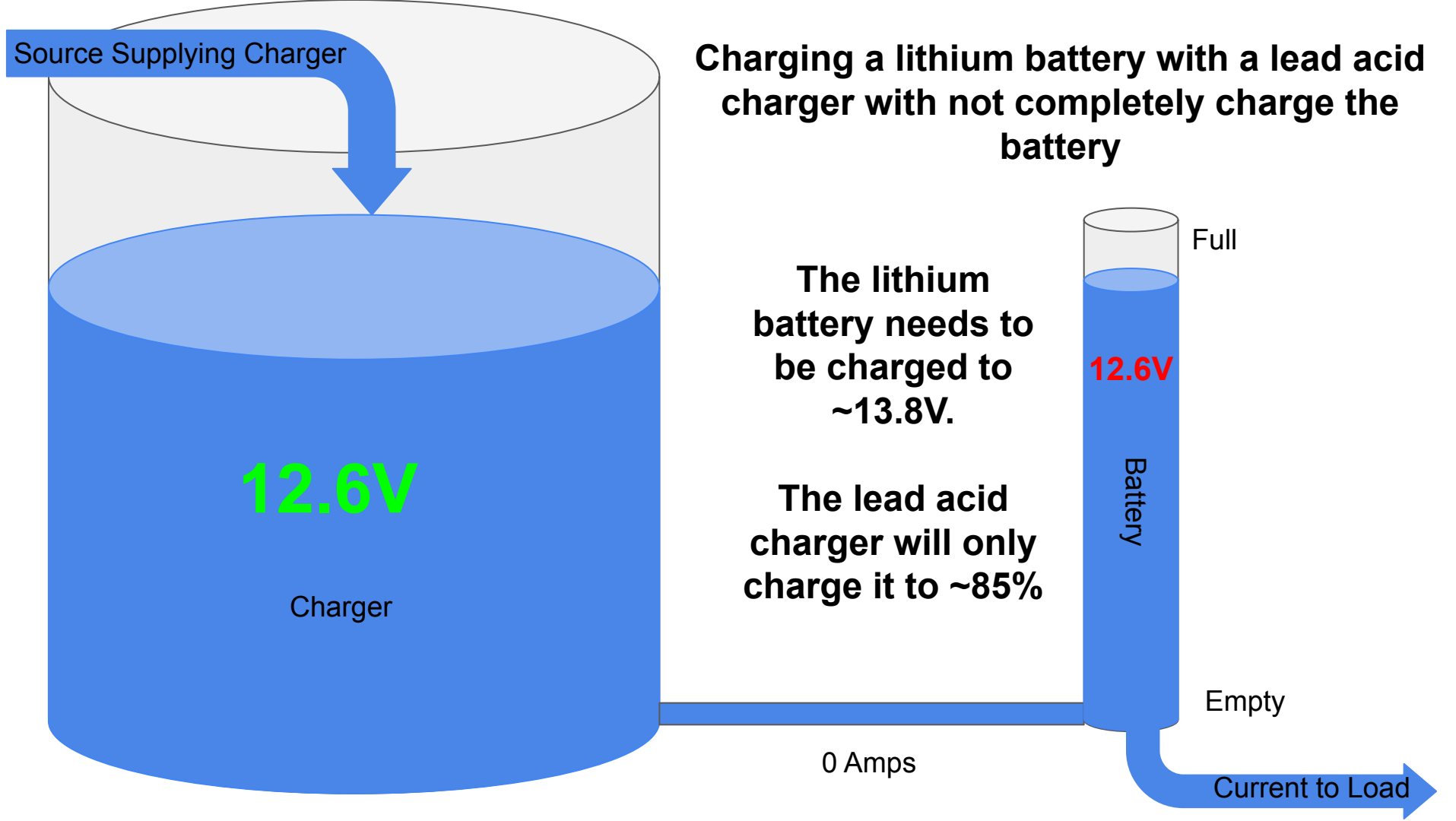
**10 Amps**

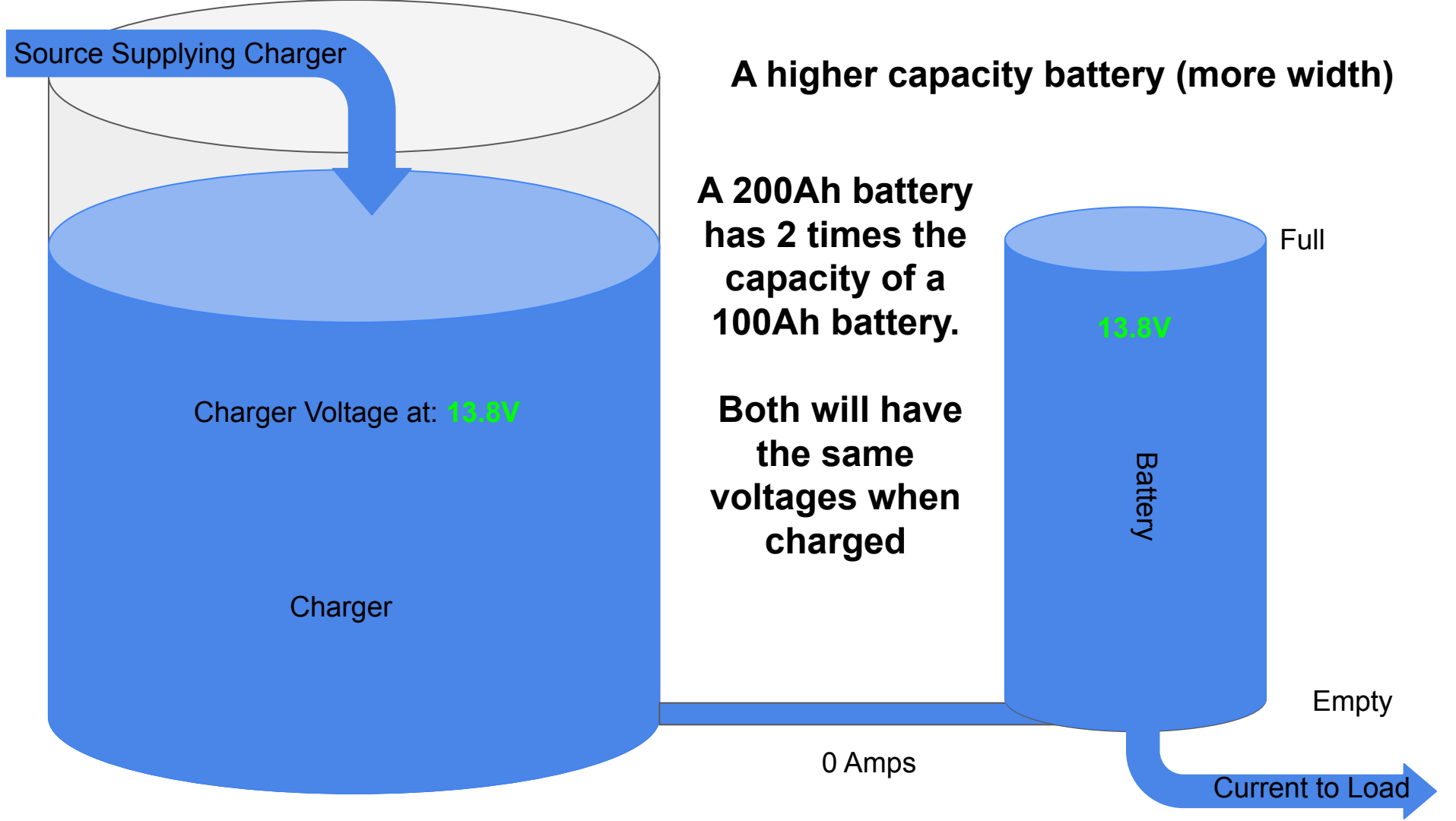
Current to Load

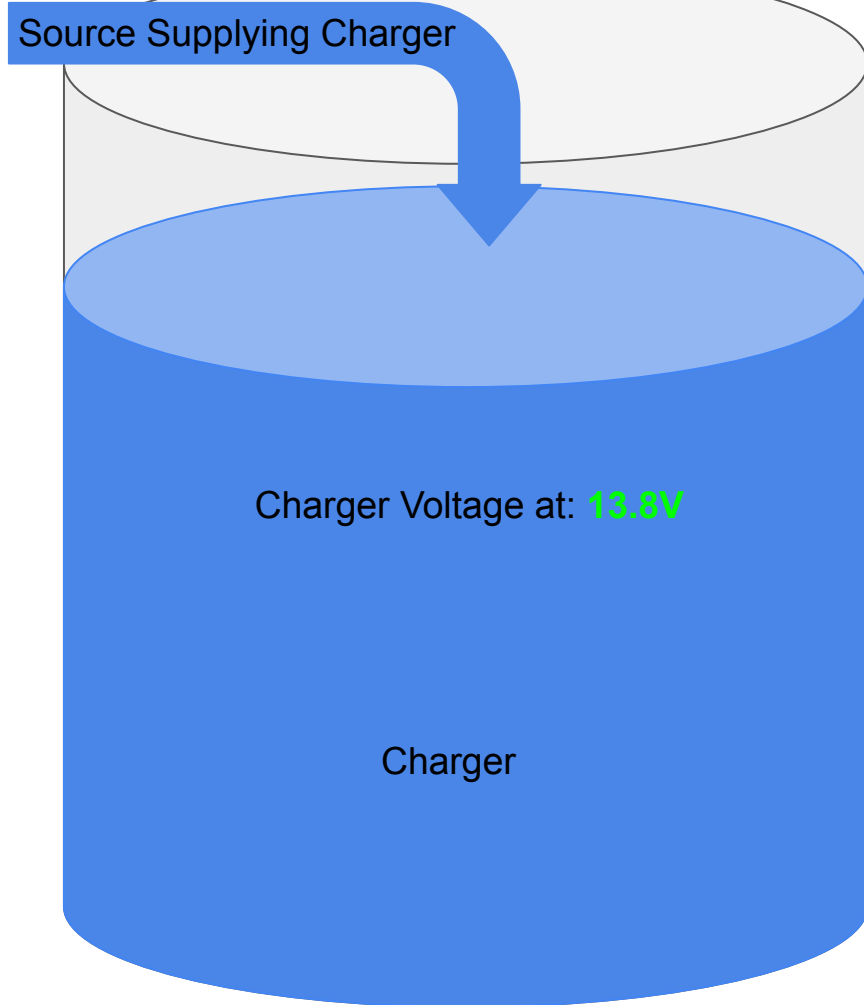












**Thicker, Shorter wires have less resistance and allow more current**

