How to wire your power supply

Each station includes dual-output DC power supply, pictured below:

The power supply can either be used as two separate 0-30 V supplies, or as one supply with a range of up to ±15 V. The output current is 0-3 A. The two switches above the green power switch (UI/UII and II/III) indicate whether the output from the left or right supply is being displayed on the built-in voltmeter and ammeter. When plus and minus voltages as required, you must connect the positive terminal of one output with the negative of the other using the following scheme:

Jumper the positive output of the left supply with ground on the right. The two middle terminals become your ground, marked with black arrows. The leftmost terminal is your negative voltage out, marked by a white arrow. The rightmost is positive voltage out and is marked by a red arrow. Use of these power supplies can be confusing at first. If you are unsure what to do, ask a staff member in W298.