

# **SPD** wiring suggestions

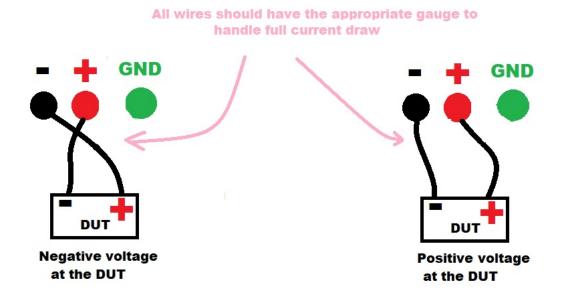
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The SIGLENT SPD series of power supplies have only positive voltage and current setpoint values. That is, you can select voltages or currents that are from 0 to the max value (0-32 V, for voltage.. as an example for the SDP3000X/X-E).

Here are the suggested wiring configurations to achieve both positive and negative potentials at the device-under-test (DUT):

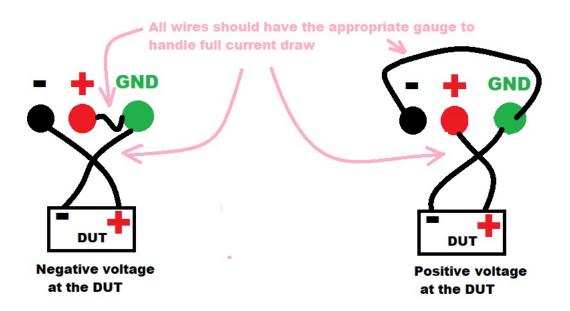
**NOTE:** It is critical to select wire that can handle the full current and voltage of the supply. You can find numerous wire gauge recommendations, but here is one from Engineering Toolbox: <a href="https://www.engineeringtoolbox.com/wire-gauges-d-419.html">https://www.engineeringtoolbox.com/wire-gauges-d-419.html</a>

## Floating Wiring Configuration:



#### **Grounded Wiring Configuration:**







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