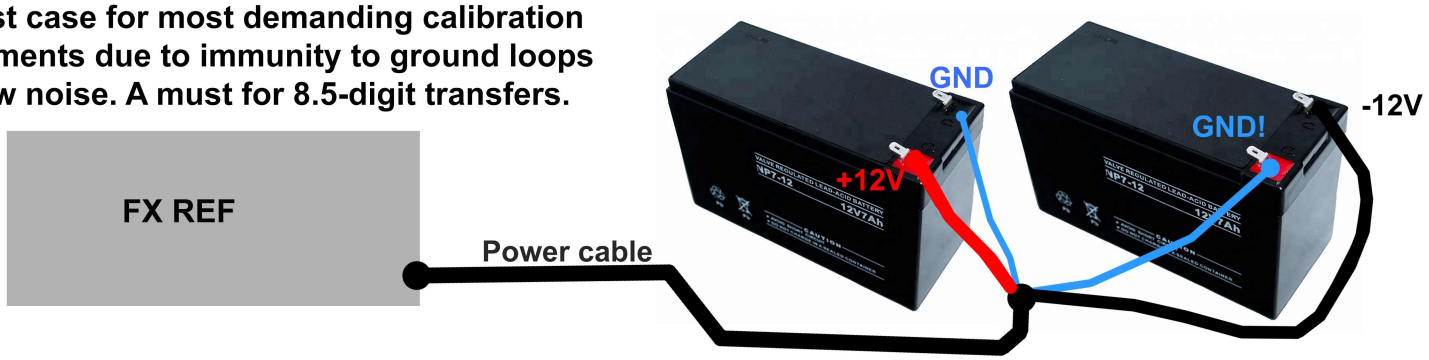
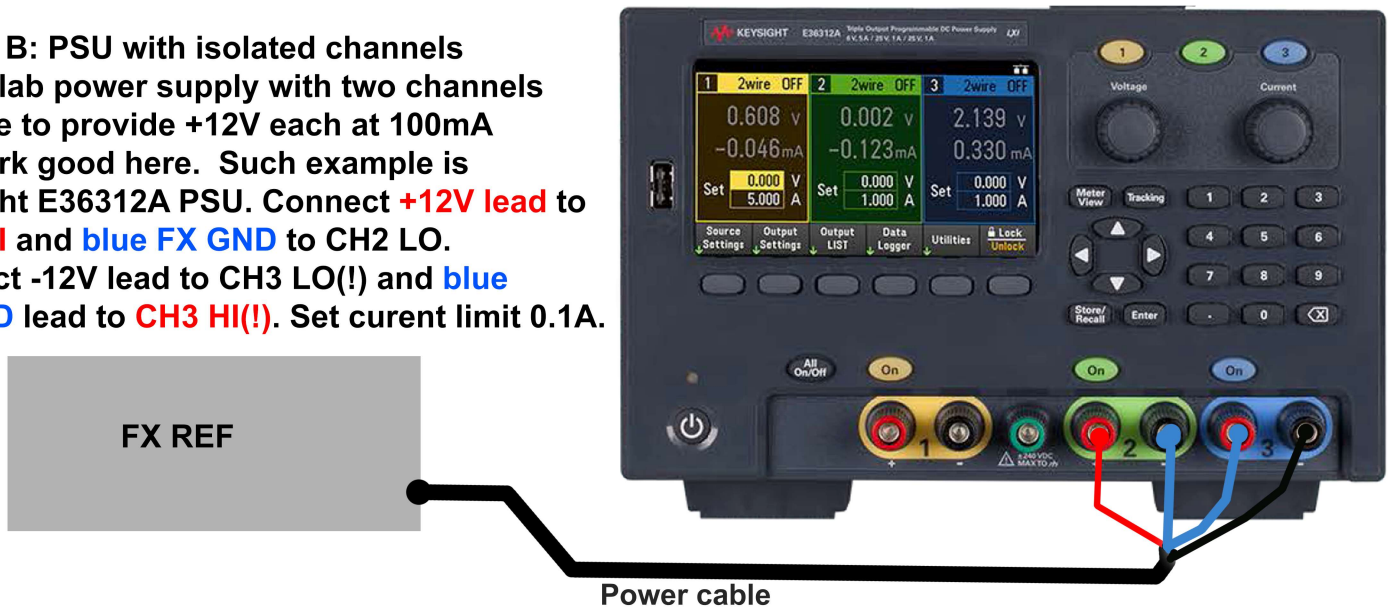
xDevs.com FX usage directions
https://xdevs.com/article/792x/

This +10V DC Voltage reference designed to be powered only with bipolar power source. Such source is two +12V lead acid batteries or dual/triple channel linear power supply. Do NOT use switching power supply or “wall” bricks.

Option A: 2 batteries
It’s best case for most demanding calibration experiments due to immunity to ground loops and low noise. A must for 8.5-digit transfers.



Option B: PSU with isolated channels
Linear lab power supply with two channels capable to provide +12V each at 100mA will work good here. Such example is Keysight E36312A PSU. Connect +12V lead to CH2 HI and blue FX GND to CH2 LO. Connect -12V lead to CH3 LO(!) and blue FX GND lead to CH3 HI(!). Set curent limit 0.1A.



Option C: PSU with two non-isolated channels
Linear lab power supply with two channels capable to provide +12V each at 100mA will work good here. Such example is Keysight E3631A PSU. Connect +12V lead to CH2 HI and -12V lead to NEGATIVE CH2 RED post. Both blue FX GND connect to COM. Set curent limit 0.1A for +12/-12V outputs.