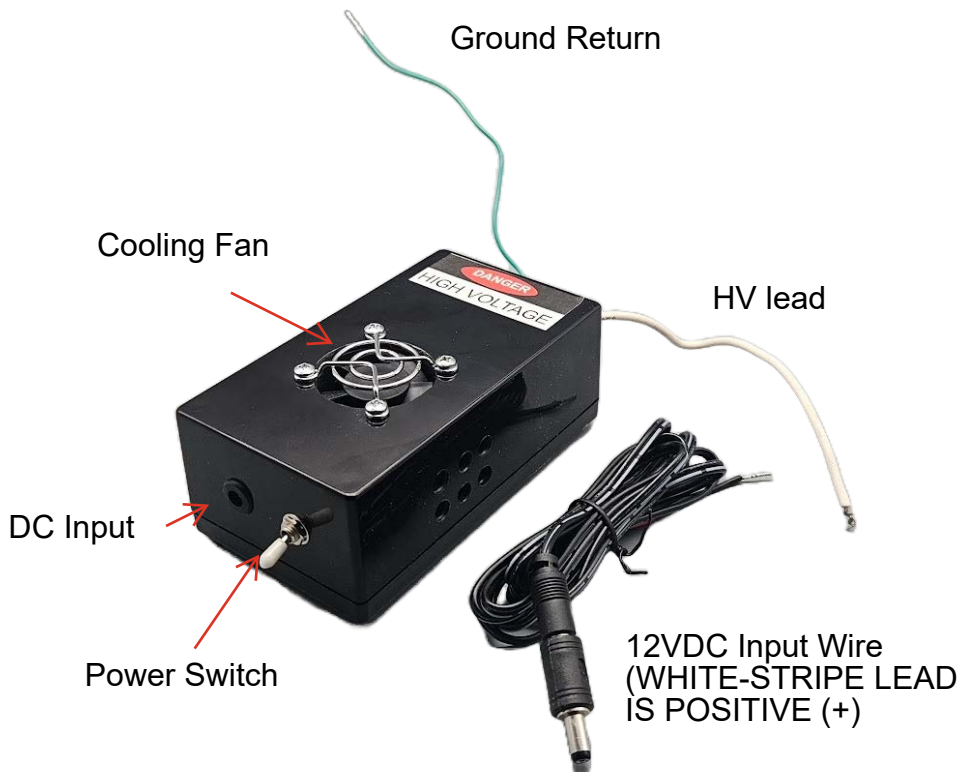


# 10kV NEON21 INSTRUCTIONS

This unit is intended for single electrode gas discharge displays involving neon, art sculpture etc. It can power up to 12 feet of 12mm straight tubing.

**Caution:** Connecting other end of tube may overload unit causing excessive heating, reduction in output and eventual catastrophic failure. Call us if you have a problem.



INPUT: 12-14 VDC @ 1A  
OUTPUT: 8-10kV  
FREQUENCY: 25 to 35 kHz  
SPECIAL: cooling fan included, can be run on solar and battery power.

1. Place enclosure on an non-conductive surface
2. Connect the Ground Return wire as second wire when lighting neon tubing, or to ground conductive enclosure.
3. Connect HV output lead to tube electrode and keep as short as possible and clear of any conductive objects. Verify proper clearances and that there is no corona around lead or connections as observed in the dark.
4. Connect a wall adapter or other source of 12-14 volts dc capable of supplying 1 amp to the input leads and secure via wire nuts tape etc. It is important that the proper polarity be observed as serious damage to the unit will occur it reversed wired for any period of time. When in doubt quickly make contact holding leads and verifying display lighting.
5. Allow to run for 1 hour and note neither is hot to touch.