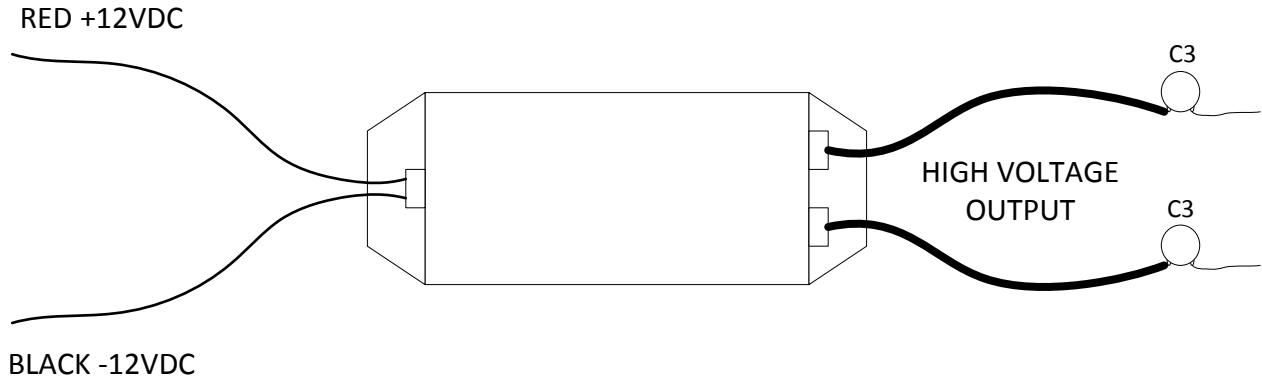


MINIMAX3/NEONUL INSTRUCTIONS



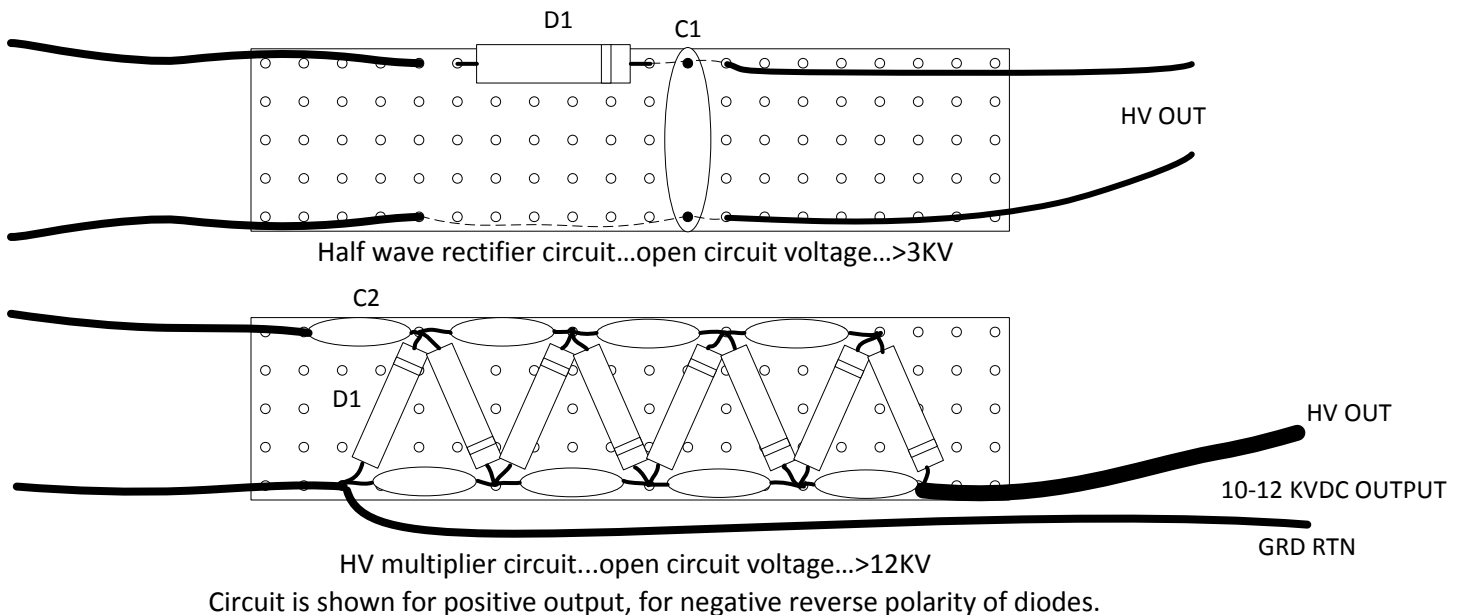
When using for neon tube less than 5', insert C3 50pF/6KV cap in series with each tube to output lead.

The universal high voltage power supply was originally designed for neon display in our laboratories. It is open circuit and short circuit protected, and is virtually indestructible. Open circuit output voltage is over 3000 at a frequency of 30Khz. Short circuit current is >15ma. Unit load lines at 2000 VAC delivering 10 mA with 12 VDC input. Applications include powering gas discharge tubes to eight feet, plasma generation for burning and etching, output is easily converted to high voltage dc up to 25 KV and can be used for capacitor charging and a host of high voltage experiments. Always allow to operate for an hour or so and check for heat. Unit never should be uncomfortably hot to touch.

NOTE: It is advised to ground the metal chassis to the outlet plate screw that the DC adapter is plugged into.

Use a 12 volt 1.5 amp DC adapter for full output, a 12 volt .8 amps for 1/2 output or you may use a 12 volt 2 amp for increased output intermittently for experimental and laboratory use.

Optional high voltage DC multiplier circuits easily used with this power supply.



Parts are available through INFORMATION UNLIMITED <www.amazing1.com>

- WR1 24" #20 Hook up wire
- PB1 1"x4" .1 Grid perfboard
- Note 4 stages shown can produce 10-12KV!!
- 12VDC .8AMP.....PN: 12DC/.8
- 12VDC 1.5AMP.....PN: 12DC/1.5
- 12VDC 2AMP.....PN: 12DC/2AR

- C1 .01µf 2KV disk capacitor.....PN: .01u/6KV
- C2 270 pf 3KV disk capacitor.....PN: 270P/3KV
- C3 50 pf 6KV disk capacitor.....PN: 50P/6KV
- D1 6KV .1 µsec diode.....PN: VG6

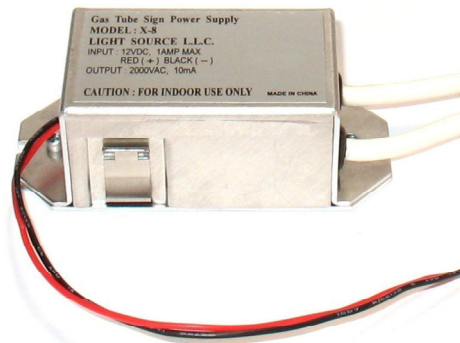
INFORMATION UNLIMITED

Special large volume pricing

See these and other surplus items on our web site at www.amazing1.com
We are always updating our listings

Universal high voltage power supply inverter produces 3000vac open circuit at up to 15ma short circuit, from 12vdc input. High frequency output can power most neon tubes up to 10 feet. Fully open and short circuit protected. This unit is also an excellent driver for high voltage dc generators up to 50,000 volts. Complete with available instructions and schematics.

- 1-9.....\$19.95
- 10-49.....\$14.95
- 50-99.....\$12.95
- 100+.....Contact for large volume discounts.



12volt dc 1.5 amp wall adapters:

- 1-9.....\$12.95
- 10-49.....\$9.95
- 50-99.....\$8.95
- 100+.....Contact for large volume discounts.

