



**BOM:**

- Thermistor: Epcos B57703M05026040 (495-2170-ND)
- Fan: NMB FBA09A12L1BX (P11043-ND)
- Terminal block: Molex 38280-010 (WM5815-ND) with...
- Crimp connectors: Tyco 52042-4 (A27533-ND)
- Ring connector for large diode: Molex 19221-0229 (WM5938-ND)
- HV DC-DC Converter: ???
- HV Cap: ???

**NOTES:**

- 1) Capacitors without values are 0.1uF ceramic.
- 2) Wire 4AWG or quad 12AWG for heavy nets as shown, can use 12AWG for caps and SCR. ???
- 3) Heatsink IGBT and power diode each at 1°/W.
- 4) For HP626xB power supplies, remote CV program by terminal A2, unity gain. Otherwise, strap A1-A2-A3 for front panel control.

A	A.Stummer	Jul'07	Loosely based on Mag-0-Matic.
Ltr	Date	By	Description
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