

---

Subject: 6EM7 amp PSU question

Posted by [Shane](#) on Sun, 22 Jan 2006 05:14:43 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Ok, I'm going to start getting everything together over the next couple of months to make a 6EM7 SE amp. I've got 6EM7 and 13EM7 tubes a plenty. I've looked at lots of schematics and decided I'd like to run the B+ at around 220V. I've seen these tubes ran everywhere from 175V to 325V. 220V seems to be a good middle range for about 1 watt. I've been playing with PSUD2 and came up with the following PSU. It is just for one side, as the channels would separate after the first 10uF cap after the rectifier. I basically copied this from Gary Kaufman's design with a slightly lower power trafo and added a RC filter at the end (1.8k on the resistor). Total mA needed for both tubes would be around 104mA. Trafo is the Hammond 370FX, but I don't have any other specs than the voltage/amps so I guessed on the source impedance. If anyone has any other suggestions or can point out what I'm doing wrong I'd appreciate it.

---