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Subject: Re: 6EM7 amp PSU question

Posted by [Damir](#) on Sun, 22 Jan 2006 10:18:28 GMT

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See this variant - choke input filter (10H/100 Ohms/200mA) with "tuning"  $C1=1,5\mu F/600V$  (MKP, MKT...), then  $C2=220\mu F/450V$  electrolytic. Bypass  $C2$  with "bleeder" resistor,  $R_b=27k\Omega/5W$  (it draws 8mA). Then split for two channels -  $L2/C3 + R1/C4$  for the L channel, and identical LC+RC filter for the R ch. You'd get about 213V for the output stage, and 207V for the driver. Of course,  $R_{tr}$  is a guess, and maybe you'd need to adjust the value of  $C1$ . Caps  $C3$  and  $C4$  can be "motor run", or MKP/MKT, 400Vdc ratings. BTW - if you choose to build it, you can post on "Group Build" (Tube DIY) forum...

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