
Subject: Re: Fisher 500C-how hot is too hot?

Posted by [Damir](#) on Sun, 04 Sep 2005 22:59:52 GMT

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With OP - $U_a=440V$, $U_{g2}=320V$, $U_{g1}=-20V$, you can expect more then 100mA I_{a+g2} current through each EL34. Much more then P_a max for EL34. For "reasonable" bias of about $I_a \sim 50mA$ (and $I_{g2} \sim 5mA$) you should change the "bias voltage" U_{g1} to about -26V. If you don't have adjustable "bias" pot, you can change the values of voltage divider resistors in "bias" supply to "enlarge" U_{g1} .
