

# Re: Power Supply Design

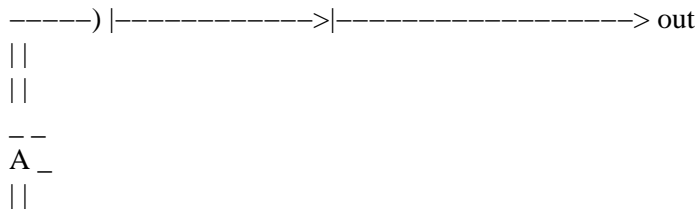
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  - *Date:* 25 Jan 2006 14:28:26 -0800
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You can use all kinds of fancy current limiters. But a very simple one is to build a half-wave voltage doubler, but make the first capacitor much smaller than the second one. On each cycle the charge of the first capacitor will be pushed into the second one. Very simple and basically foolproof.



I first saw this trick on an ancient photoflash unit-- a 0.5uF first capacitor and a 20uF second capacitor. At 2KV.

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