

## Electronic dimmer as Variac

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I want to turn up a switching power supply slowly after repairing it, so as to see if anything else is damaged. I have no Variac, and I could use the series light bulb trick, but I already have a light dimmer I'm using as a variable-temperature control for my soldering iron that could do double-duty in this application.

I know that the SMPS, when running correctly, will be a load pulse at 75 kHz. Has anyone tried using a dimmer as an "electronic variac"? Is it feasible?

Thanks,

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