

Re: Combining dual secondaries of a toroidal transformer

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2007-02/msg00928.html>

- *From:* The Phantom <phantom@xxxxxxx>
 - *Date:* 18 Feb 2007 06:06:02 -0600
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On Sun, 18 Feb 2007 05:00:19 GMT, "Homer J Simpson" <nobody@xxxxxxxxxxxx> wrote:

<furtheraside@xxxxxxxx> wrote in message
news:1171770731.461084.227630@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi, I have a fairly good sized toroidal transformer that has two pairs of primaries and two pairs of secondaries. The inputs are both 115V and the outputs are both 33V, at 7A. I'd like to combine the outputs in parallel, to give me 33V at 14A.

Connect the two secondary commons together. Now check across the other two leads with an ammeter for difference current. If it's only a few mA you are probably OK.

If he only gets a few mA, then the secondaries are phased properly. But what if they're *not* phased properly. What do you suppose is going to happen when he connects an ammeter across the other two leads?

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