

# Re: Resistor vs transformer

---

*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-02/msg01714.html>

---

- *From:* "lemonjuice" <exskimos@xxxxxxxxxxxx>
  - *Date:* 8 Feb 2006 14:06:40 -0800
- 

On Wed, 08 Feb 2006 12:41:32 -0600, John Fields  
<jfields@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

On 8 Feb 2006 09:06:55 -0800, "lemonjuice" <exskimos@xxxxxxxxxxxx>  
wrote:

Cut that out. Its very funny.

Another error in your post is you don't seem to realize that its NOT  
RESISTANCE that is cutting down the voltage BUT inductance. Write an  
equation for that .

---

One would think that even an oaf like you would realize that for a  
given wire size wound on a given core,

Who said the wire size was constant ? You of course ... because you  
don't have a clue about transformers at which point you should shut up.

inductance increases with the  
number of turns, and if the number of turns increases, so does the,  
um... resistance?

---

So its the resistance of the wire thats cutting down the voltage??!!!!

LOL

This is the stupidest thing I've heard in years.

Another error is the resistance depends also on the geometry of the  
transformer.

Re: Resistor vs transformer

----  
Really? Where are you getting these esoteric concepts from???  
I thought that all primaries and secondaries, whether wound on toroids, E-I laminations, sintered ferrite or powdered iron cores, or whatever, all had to have precisely the same primary and secondary winding resistances.

No ... You have a bad assumption. Even your high school equations don't suggest that .

Hmmm... who would have thought that geometry played a role in it? Gosh, I guess ya learn something new every day, silly me.

----  
Another error is the OP was talking about a different type of transformer from Slomans .

----  
So what? I was talking about the way Sloman suggested that the OP consider solving his problem, which is perfectly acceptable and within the realm of possibilities that the OP should consider.

Besides, the OP didn't have anything specific in mind, he was looking for a better solution than a series resistor and said so a couple of times. Go read the thread.

----  
You said the OPs suggestion of using a transformer with 2 primaries rated for 240V was wrong . Refresh your aging memory .

etc ... want another error listing so we can all laugh.

----  
I think at this point we're all pretty much laughing at \_you\_, so if you want to continue, be my guest.

Go on vacation it may help you.

lemonjuice

.