

Re: Standard Domestic Voltage?

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- *From:* Jim Thompson <To-Email-Use-The-Envelope-Icon@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 08 Feb 2006 11:57:00 -0700
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On Wed, 08 Feb 2006 18:44:04 GMT, szekeres@xxxxxxx (GregS) wrote:

In article <r9dku152b91289rt3cijn5772fqgduade1@xxxxxxx>, Jim Thompson <To-Email-Use-The-Envelope-Icon@xxxxxxxxxxxxxxxx> wrote:

On Wed, 08 Feb 2006 18:05:42 GMT, "Dan Hollands" <dhollan3@xxxxxxxxxxxxxxxx> wrote:

<kmaryan@xxxxxxx> wrote in message
news:1139419265.148474.184870@xx

This has become an issue of debate here in
teh office so I thought I'd
ask the public. What is the standard voltage
for domestic supply in
North America? I've heard anything from
110V to 125V, and I've measured
it at anywhere from 115 to 122 so what is
the "official" standard?

Cheers,

Chris

I don't know what the legal requirement is but when
designing products all
companies I have worked for design for 120+/- 15%
or 102 to 134Vac. Generally when measured the voltage is in
the 120s.

I've always used 115 ± 17, or 98–132

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which is about the same as $115 \pm 15\%$

...Jim Thompson

Right now I am measuring 127.8 VACRMS in the shop. Its been that much for a while. At home I'm getting more like 125VACRMS.

greg

How long do your light bulbs last ?:-)

I just measured 119.5VAC, about 40' from a two-house step-down transformer (which is the usual method in this area for underground electrical distribution).

...Jim Thompson

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It's what you learn, after you know it all, that counts.

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