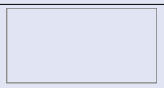
Quote:

> Originally Posted by llwhtt 
> *For a power supply with a fairly constant load, preamp or class A amp, this formula works great and is easy to remember. Figure out the load resistance, E/I, then divide that by 1200. the result is in Henries. Example; 400VDC with 20ma of current needs a 16.6666666H **choke**.*
>
> *Craig*

But this formula is valid for a **choke** input filter to work as a **choke** input filter (and not as a capacitor input), isn't it? The 1200 should be for mains of 60Hz, for countries with 50Hz mains one should use 1000!?

Ejemplo

L (henries) = (E (volts) / I (ma)) / 1000 (50Hz AC mains)

240VAC x 1.41 diodos = 338.4VDC

338.4VDC / 0.035A (35mA) = 9.668

9.668 / 1000 (50Hz AC mains) = 9,668 H (aprox. 10H)