

Re: Computer power supply

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2005-01/1682.html>

From: peterken (peter273_at_hotmail.com)

Date: 01/26/05

Date: Wed, 26 Jan 2005 00:29:23 GMT

"Mountain Dwe" <plasma@toi.ca> wrote in message
news:aaadneXThcAaQGvcRVn-1A@rogers.com...

> ok..

> *That sounds more trouble than convenience.. so let me ask this simple*

> *question.....*

> *Is the step down transformer in the power supply just a normal step down*

> *transformer???*

> *I mean can I salvage it and make my own general propose bench power
supply?*

> *I would assume I could use the rectifier diodes on the board too??*

>

> "JeffM" <jeffm_@email.com> wrote in message

> news:1106693136.166004.164490@z14g2000cwz.googlegroups.com...

>>> [just] hook up the power supply to the wall

>>> and use the 5V, 12V and grounds?

>>> Mountain Dwe

>>

>> Google is your friend.

>>

http://groups-beta.google.com/groups?&q=group%3Asci.electronics.*+insubject%3Acomputer-power-supply+bench

>>

>

>

The stepdown transformer is a switched mode power supply
(switched primary, rectified secondary, usually pulse width modulated
circuit)

You *can* make a general 5V supply out of it, but beware of the "power good"
line

If using it, just use it "as is" since many of them are rather critical in
layout and used components

(especially if resonant-mode types)

I personally wouldn't dream of disassembling it to build another, I'd just
design another then