

Re: fake PC supplies

Source: <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-05/msg03221.html>

- *From:* "Bill Bailey" <JustMe@Home>
 - *Date:* Mon, 23 May 2005 22:30:44 +1000
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"Adam. Seychell" <invalid@xxxxxxxxxxx> wrote in message
[news:4291c25f\\$0\\$10302\\$a4c38c87@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:4291c25f$0$10302$a4c38c87@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
> I'm recently seeing more cheap PC supplies on the market which appear to
> be fake, in that the clammed output power not impossible for the size of
> parts inside. e.g I have a 500W "Shaw" brand ATX supply, and its output
> inductor uses a piddly T106 (26mm OD) core. The 5V is specified at 35Amps
> yet the output inductor winding is 2x1.2mm diam wire and the rectifiers
> for the 5V is a 15Ax2 Schottky device. This is typical for these very
> cheap power supplies. Similarly the 12V @ 18A output uses 2x8A diode
> (STPR1620).
>
> I've also seen several other PC supplies that have completely omitted EMC
> components, and simply used wire links where the CM inductors are meant to
> go. Some PC supplies I've come across have even used standard
> ceramic/polyester capacitors in place of the Y and X2 rated safety
> capacitors.
>
> How do they get away with this ?
>

They can, and they will, until these underrated and dangerous PSUs generate sufficient fires/casualties/deaths to trigger a judicial/coroners enquiry. A negative finding will cause ALL the companies who make the PSUs to disappear, and the importers/resellers to wave their certified performance/compliance paperwork as a shield against prosecution.

Money IS the root of all evil!

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- *Follow-Ups:*
 - ◆ ***Re: fake PC supplies***
 - ◇ *From:* Rich The Philosophizer
 - ◆ ***Re: fake PC supplies***
 - ◇ *From:* R Adsett

Re: fake PC supplies

- **References:**

- ◆ **fake PC supplies**

- ◇ *From:* Adam. Seychell

- Prev by Date: **Re: Fuel level senders**

- Next by Date: **Re: Breaker panel current transformer?**

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