Subject: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sat, 10 Oct 2020 23:16:48 GMT
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Hi, I know all the amps seem to use the same transformer. Mine is blown.

Looking for:
primary voltage 120vac
secondary 40v and it needs to drive 3 amp load

Any help finding the right transformer is hugely appreciated.

Best,

Scott

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by chicagobill on Sun, 11 Oct 2020 22:20:53 GMT
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I don't know of any source for an exact replacement for any Kustom power transformers. What is the problem with your transformer?

You mention 40 volts for the secondary, but I think that you are referring to the power supply dc voltage of plus and minus 40 volts dc. The transformer output will be less than that, probably about 30-35 volts ac per side of the center tapped secondary.

You may need to find a used one from a dead amp to replace it. There are companies that will custom wind or rewind power transformers. You might look into that.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Mon, 12 Oct 2020 16:25:14 GMT
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What happened to the amp that took out the original PT, as I have never seen one go bad unless the amp had a blown output stage and someone just kept replacing the fuse over and over without atleast halving the fuse rating for troubling shooting purposes to 1.5 or 1 amp

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Tue, 13 Oct 2020 09:15:49 GMT
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You might as well step up into the 21st century and use a Troidal type PT.
These mount with one bolt so there easy to work with and throw out less 60 HZ hum to boot!

A Avel Linberg model Y-236654 will work out nice for powering that amp.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Tue, 13 Oct 2020 12:21:19 GMT
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A Hammond made Toroidal part number 182N18 will work in the amp.

Both are top notch transformers so I would go with which ever one you can get the cheapest!

To mount either one I would drill a new mounting hole on the rear wall of the amp.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by sunnhead on Tue, 13 Oct 2020 17:27:45 GMT
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I have a transformer from a KUSTOM LEAD I Amp, would this help?

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Wed, 14 Oct 2020 09:48:08 GMT
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If the lead 1 amp used 50 volt main power rail filters, then yes it would work for him.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Wed, 14 Oct 2020 23:24:45 GMT
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stevem wrote on Mon, 12 October 2020 12:25What happened to the amp that took out the original PT, as I have never seen one go bad unless the amp had a blown output stage and someone just kept replacing the fuse over and over without atleast halving the fuse rating for troubling shooting purposes to 1.5 or 1 amp
First off, thanks for the replies.

I got the amp, plugged it in, turned it on, no sound then suddenly the smell of something burning. Trip the circuit breaker at my house. Shut everything off and smoke was coming from the back by the transformer.

I think what happened is I was the victim of a scam. The fuse was the wrong amps and there were a couple of other issues when we open this thing up to look and see what was going on. Basically, there is no way this thing was working properly before I plugged it in.

I bought it on reverb. Contacted the seller and had an immediate response Saying sorry and they would give me a full refund. I was like, well how do we handle getting the amp back to you? They said they had shipping insurance so just keep the amp. When you think about it, you could sell a bunch of broken stuff, basically giving it away, and get the full price paid to you by reverb leaving the person who bought the item responsible for repairing or getting rid of it.

Attaching some photos where you can see the fuse. The transformer had 2 missing screws that were screwed into the back panel. You can see the corner of the back panel closest to the transformer is bent inward because there was a very tiny screw use there. The back panel had this issue on another corner that you can't really see in the photo. Again there's no way this wouldn't have blown when it was turned on with this being the set up.

I can't post links to images yet. If anyone wants to see pics email me and I can send them

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Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Wed, 14 Oct 2020 23:33:47 GMT
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Again, thanks for all the help everyone. I ended up finding a Transformer from K-300-5
Will update once I get it in and purring

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Thu, 15 Oct 2020 09:39:16 GMT
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You can not use that K300 transformer in what amounts to a K100 since it has over 3 times the current output of your original
All of that unused extra current will kick up that transformers voltage output to levels that will harm the amp!

The K300 transformer is also a easy 3 times the physical size of your original!

The K300 transformer was also designed to be used with the big choke that's part the power supply in these amps .

In short unused current above what's needed for the amp to make peak wattage (300 in this case) turns into excess voltage!

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sat, 17 Oct 2020 03:53:06 GMT
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From SteveM: If the lead 1 amp used 50 volt main power rail filters, then yes it would work for him.

Do you know if it uses what SteveM says above?

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sat, 17 Oct 2020 03:54:23 GMT
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Thanks, SteveM. I am going to try the Avel Linberg model Y-236654
Will let you know how it goes.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Sat, 17 Oct 2020 09:44:55 GMT
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It will work fine, just follow the instructions for wiring up the wall voltage side (primary side) as that has windings for both 120 and 230 volt operation.

If you have any questions just post back here.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Thu, 22 Oct 2020 02:42:05 GMT
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Will do!

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sun, 15 Nov 2020 02:18:41 GMT
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So, got it up and running with the suggested transformer and new rectifier. Sounds damn good.

Thanks for all the help.

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sun, 15 Nov 2020 02:36:58 GMT
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I really want to post pics

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sun, 15 Nov 2020 02:37:39 GMT
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https://www.dropbox.com/sh/nz2xc6aldipjunq/AAAertsQgeVC77z1E 4mAh99Ma?dl=0

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by stevem on Sun, 15 Nov 2020 10:46:43 GMT
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That's great to hear, you enjoy !

Subject: Re: Where can I get a power transformer for Kasino U100 amp?
Posted by Scot²Al²enPer²y on Sun, 15 Nov 2020 21:38:18 GMT
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