



UP! Plus 2 Power Supply Replacement

This guide aims to diagnose the power issues you may be experiencing and figure out if you need to replace your power supply.

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INTRODUCTION

Without the proper power ratings the printer can behave very strangely and will generally produce worse results. The provided power supply is known to go bad for various reasons. Unfortunately the motherboard can be fried out as well, which may be the real root of your problem.



TOOLS:

- [Digital Multimeter](#) (1)
 - [Multimeter Test Leads](#) (1)
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Step 1 — Plug in the Power Supply



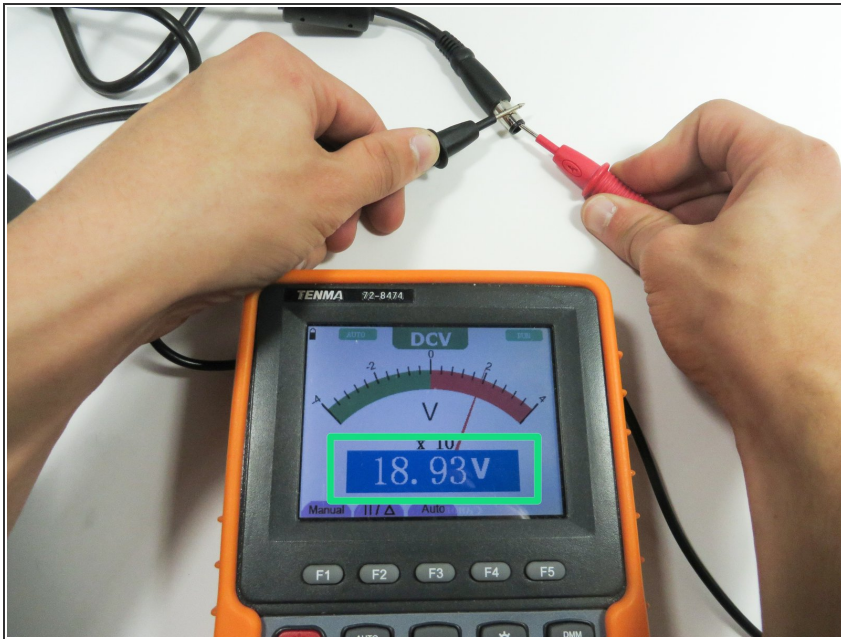
⚠ Always be wary of plugging in suspected broken electronics into mains voltage of 120/220 VAC! **IF SOMETHING SMOKES OR SMELLS BAD UNPLUG IT IMMEDIATELY!**

- Verify that the power adapter into the transformer brick itself is plugged in securely.
- Check that the particular wall socket you are using is hot (plug in your phone charger and make sure it charges your phone).

⚠ Plug in the power supply to the wall outlet, but **DO NOT** plug it into the printer yet!

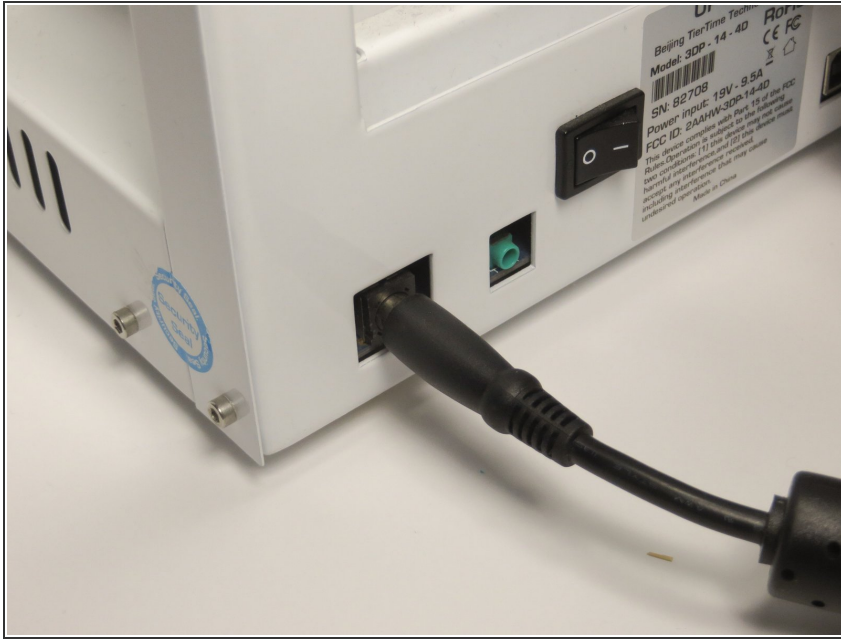
- Check for a blue LED to come on to say the unit is powered up.

Step 2 — Test the Output Voltage



- ⚠ Measure the output voltage of your power supply with a voltmeter or multimeter on the Volts DC setting.
- To measure, insert the positive (red) probe into the middle of the connector while at the same time touching the outside metal jacket.
- ⚠ Make sure to make good contacts but not to short the two leads out by touching them together.
- The multimeter should read anywhere between 18.5-20 Volts DC. This is the normal operating range of the power supply, if it outputs less than 16 Volts or more than 20 Volts your power supply is defective.
- If you read correct voltage but your printer is still malfunctioning, continue with the guide.

Step 3 — Turn on the Printer



- Plug in the power connector and turn on the machine by depressing the rocker switch on the rear towards the line.
- Does the red/green light on the front come on? If it does, your power supply is perfectly operational.
- If the front lights do not come on at all this is generally an issue with the main board or the control board, which, in any case should be handled by the professionals who sell the printer. At this point you need to send in your printer for service. Sorry!

Hopefully this guide helped you diagnose some of the issues that you might be experiencing with your printer.