



## Lab Bench Power Supply Enclosure (LTC3780)



CoolDuke

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### Summary

because I didn't find an appropriate enclosure for my PSU project, I decided to make my own.

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because I didn't find an appropriate enclosure for my PSU project, I decided to make my own. fits really nice but printing takes a while.

had some issue during print with ABS warping, but finally fixed it some ABS glue - hence the enclosure surface isn't perfectly smooth. therefore I would recommend printing with PLA instead of ABS

printed the upper part upsidedown with supports in order to have nice cut-outs.

instructions & BOM: <https://youtu.be/wI-KYRdmx-E>

thx to @GreatScottLab for the instructions

## Print instructions Category: Electronics Summary

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## Print Settings

**Printer:** DIY I3 MK2

**Rafts:** No

**Supports:** Yes

**Resolution:** 0.2

**Infill:** 15%

### Notes:

printed in ABS - had some issues with ABS warping... I would recommend using PLA.

## Model files



**psu\_body.stl**



**psu\_bottom\_plate.stl**

[Find source .stl files on Thingiverse.com](#)

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