



EleLab_v2 Base



Chrismettal - Binary-6

[VIEW IN BROWSER](#)

updated 18. 9. 2023 | published 18. 9. 2023

Summary

EleLab_v2 Base For general information and building instructions about this project please see the Github page!

[Hobby & Makers](#) > [Electronics](#)

Tags: [frame](#) [psu](#) [diy](#) [electronics](#) [lab](#) [laboratory](#)
[powersupply](#) [cheap](#) [remix](#) [project](#) [thingiverse](#) [testbench](#)
[banana](#) [variable](#) [remixable](#) [tinkering](#)

EleLab_v2 Base

For general information and building instructions about this project please see the [Github repo](#)!

Also check out [the collection of the whole EleLab system here](#)!

The EleLab system is a low cost, modular electronics lab system for hobbyists.

The customizable modules include fixed and variable power supplies, measurement tools, component testers and much more.

Everything in here is done with open source software, including FreeCAD for all the 3d printable files and KiCAD for the PCBs.

I have made a set of modules already and am in the process of creating many more. Raw PCB project files, Gerbers and FreeCAD projects are all

uploaded to the [Github repo](#) for your customizing needs, while the finished modules are uploaded to Printables. Please be sure to upload any remix you do as it might be useful for others and especially myself!

The system features a set of backpanel bus PCBs as well as panel breakout PCBs. While the backpanel bus is not necessary, it keeps the system modular, hot swappable and tidy. You can have the gerbers manufactured for cheap at your favorite chinese PCB house or just shoot me a message. I might have spares.

This is the base frame for all the other modules. Use this to create your own modules and be sure to upload them as remixes of this!

The base frame unit comes in 100mm 150mm and 200mm format.

If you need one of my things printed or you want to suggest a modification on a part please drop me a message!

If you print one of my things i would be happy about some feedback and a make!

If you like my things please consider [supporting me!](#)

This remix is based on



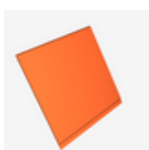
EleLab_v2 Base

by Chrismettal

Model files



base150_lower_25439.stl



base150_upper_25439.stl



base150_upper.stl



base200_carrier.stl



base100_frame.stl



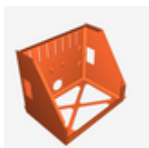
base150_lower.stl



base150_lid.stl



base150_frame.stl



base200_frame.stl



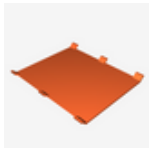
base200_upper.stl



base150_carrier.stl



base100_lid.stl



base100_carrier.stl



base200_lower.stl



base100_upper.stl



base200_lid.stl



base100_lower.stl



clip.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

License ©

This work is licensed under a
GNU



General Public License v3.0

- ✗ | Sharing without **ATtribution**
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Meets Open Definition

i | Share under the same license