



Spacious power cable cover Prusa MK3S LACK Enclosure

 **GOATDIY**

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Summary

Edit 07.06.20: Added new files where the central screw has a support column as suggested by JIRJIR.

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Edit 07.06.20: Added new files where the central screw has a support column as suggested by JIRJIR. Also added a few layers of thickness to top and bottom. This is all to prevent bending of the part. Looks good on print, but have not tested this over time. If this also bends a bit I might add another screw and set them up in a triangular pattern. If you want the latest version be sure to print the V60_2 files.

Yet another power cable cover for use with the IKEA LACK enclosure. I found the designs already available too tight for my liking so I made one with more room for the power cable. It still fit inside the LACK enclosure without any trouble. It has at least 2-3cm clearing in my cover - see photos. (I should mention here that I have the door nob mounted on the top of the doors/ceiling to also free more space for the printer - se last photo).

I designed it with only two screws (one M3 x 10 and one M3 x 14. One from the original part and one from the spare parts that came with the printer) and one zip tie to clamp the cables nicely in place.

Designed it with square edges for easy printing. I used supports on build plate only to get nice prints of the nut grooves, but it might not be necessary.

I printed in PETG on default Prusa PETG settings.

It worked out really well for me -> sharing is caring :)

(Photos get tilted on import from thingiverse and I can't be bothered to fix it - you still get the point)

Print instructions Category: 3D Printer Accessories Print Settings

Printer Brand: Prusa

Printer: I3 MK3S

Model files



mk3s_power_cable_cover_v60_bottom.stl



mk3s_power_cable_cover_v60_top.stl



power-cable-cover_v60_2_top.stl



power-cable-cover_v60_2_bottom.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com/thing:4588888)

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