



Adapter for ATX computer power unit (computer power unit)



Sica

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Summary

This is an adapter to add a step-up power converter on a standard ATX computer power unit



5.22 hrs



1 pcs



0.30 mm



0.40 mm



PLA



178 g



Prusa
MK3/S/S+

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Tags: [booster](#) [atxpsu](#) [atxpowersupply](#) [boost](#) [stepup](#)
[boostconverter](#) [atx](#) [atxmount](#) [atxlabpowersupply](#)
[atxmotherboard](#) [stepupconverter](#)

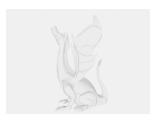
I needed a way to add a step-up 1200W converter. I built a pan-tilt zoom mechanisms that require power over long distances thru thin wires so 12V won't cut it. 36V is the lowest I could make it work. So I took an old ATX PSU, removed the useless wires and only kept 12v an 5v. The 12v I connected to Vcc in and the 5v to the USB port.

You will find the .stl for the case, and also the .stl for the text in case you want it printed in a different colour. I used a Bambulab with AMS and printed in dual color.

I also added the gcode for Bambulab but for Prusa MK3s also.

I'll add the template for drilling holes into the ATX PSU.

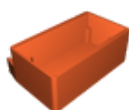
Model files



suport-adaptor-12-36v-pe-sursa-atx-bambulab-x1c.3mf



suport-adaptor-12-36v-text.stl



suport-adaptor-12-36v-pe-sursa-atx.stl

Print files



suport-adaptor-12-36v-pe-sursa-atx_03mm_pla_mk3s_5h... .gcode

PLA 0.40 mm 0.30 mm 5.22 hrs 178 g Prusa MK3/S/S+

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