



5vDC USB Power - Prusa MK4



Made-in73

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Summary

Clean way to supply 5Vdc for your accessories (cams, etc.). Thanks to @ManelTo for this amazing idea!

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Tags: [usb](#) [mk4upgrade](#) [mk4mod](#)

This is a full rebuild of the @ManelTo cover. Starting with the r3 version from Prusa.

Link to USA Amazon power supply that I used (still same 15W).

[Amazon.com: DC 24V 12V to 5V 3A 15W Step Down Converter Module Buck Reduced Voltage Regulator Car Power Waterproof Direct Current Converte \(2-PCS\) : Electronics](#)

Additional parts needed;

1. M3x8 Screws (Qty. 4)
2. M3 nuts (Qty. 2)
3. M3 square nuts (Qty. 4)
4. Terminals to connect to Motherboard Power IN terminals.
5. Soldering Iron & Solder.

Printed with Polymaker PETG (black).

3 walls, 15% gyroid infill - no supports needed.

The square nuts are a snug fit (without supports), but they will fit.

Your wiring may look differently as I am also powering an LED bar from these same terminals on my printer.

I had some left-over parts/pieces from this project, if anyone is interested in complete, bolt versions, I have a few for sale at my Etsy store.

[Prusa MK4 USB Power Outlet 5vdc 15w - Etsy](#)

This remix is based on



USB charging connection for MK4 / conexión carga USB para MK4
by ManelTo

Model files



mk4-ps-cover-wusb-r4.stl

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