

Some of the major components needed for the PSU.

9v AC

https://www.tme.eu/en/details/tez10_d_9v/pcb-transformers/breve-tufvassons/tez10d2309v/

2A is enough for a C64 with 1541 Ultimate – dimensions are not measured or tested with the PCB

5v DC 2A

<https://www.tme.eu/en/details/irm-10-5/built-in-power-supplies/mean-well/>

4A (who can ever get enough?) with this you can adapt the PSU to work with a C128

5v DC 4A

<https://www.tme.eu/en/details/irm-20-5/built-in-power-supplies/mean-well/>

Box: Select your favorite color.

https://www.tme.eu/en/details/z-16_b/power-supplies-enclosures/kradex/z16/

<https://www.tme.eu/en/details/z-16/power-supplies-enclosures/kradex/z16j/>

4Wire cable: the last one is preferable

<https://www.tme.eu/en/details/cf890.05.04/cables-for-power-chains-unshielded/igus/>

https://www.tme.eu/en/details/therm120_4g0.5/multicore-cables-unshielded/helukabel/24004/

The PCB, order at i.e. jlcpcb.com and upload the gerber file (zip file).

Also needed, which can be gotten cheaply from eBay.

Fuse socket

500mA T fuse

7 pin DIN

230v power cable (C7 to Euro)

Optional:

LED

Resistor 330 ohm, might be a good choice but needs calculating depending on color.

A 4A PSU can be created for around £18