

## FILTER COMPONENTS

C5 and C8: two polarized polymer capacitors connected in series, plus to plus. 2200uF = RNL1C222MDS1PH - 470uF = A758MU477M1CAAE10

1500uF = RNL1C152MDS1PH - 1800uF = RNL1C182MDS1PH

Coils: Mundorf F2625, L2510 and L3020 body fits on the PCB.

Basic tube heating config (<1.5A): L1 = Mundorf BL71 0.1mH 0R23 - C8/C5: 2200uF (962uF) - f: 510Hz For 5U4G (3A): L1 = Mundorf BL100 0.27mH 0R23 - C8/C5: 1800uF (892uF) - f: 320Hz

## Direct heated triodes config (up to 1.5A)

For 300B (1.1A): L1 = Mundorf (B)H71 3.3mH 0R50 - C8/C5: 470uF (260uF) - f 170Hz For 300B (1.1A): L1 = Mundorf (B)H71 1.2mH 0R25 - C8/C5: 1500uF (720uF) - f 170Hz Distorsion: <1% By stef

No load consumption: 45-110mA

SNR: 64dB with 3.3mH coil.

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Title: LVPS DC-AC 4V-8V 50Hz Inverter

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