

AudioWind Electronics-Salon

SPECIFICATION

Model: A-710 series



Positive and Negative Voltage Power Supply Module, with Mains Transformer and Voltage Regulator Circuit

Input Voltage:	230+/-20 VAC or 115V+/-10 VAC mains. (note page 4)
Output Voltage:	Multiple version.
Output Current:	Multiple version.
Module Size:	52 x 122 x 39 mm (W x L x H).
PCB Size:	52 x 122 mm.
Weight:	Approx 280g.

This item has been assembled, and electrical test passed.

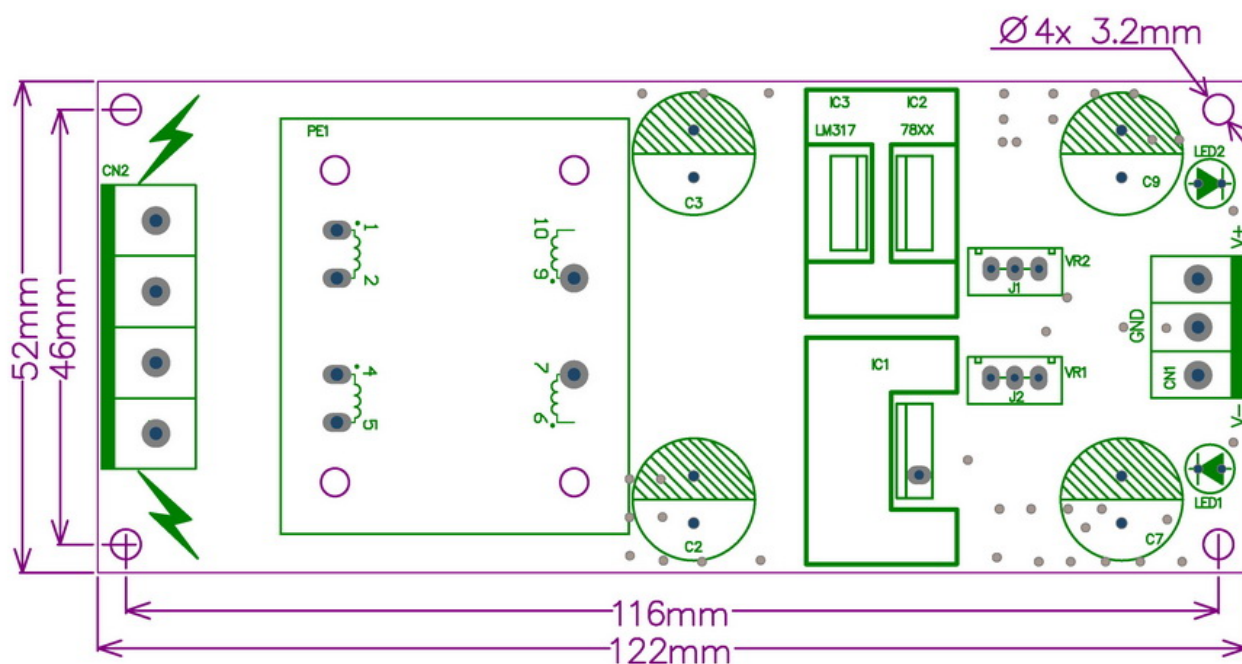
Fully encapsulated 5VA power transformer, support 115 or 230V AC mains. FR-4 fiber glass PCB. HQ terminal blocks, easy connection wires. RUBYCON YXF 105C long life and low impedance electrolytic capacitors. output voltage LED indicator. LM317/LM337 or 78xx/79xx regulator IC.

Selectable Version List:

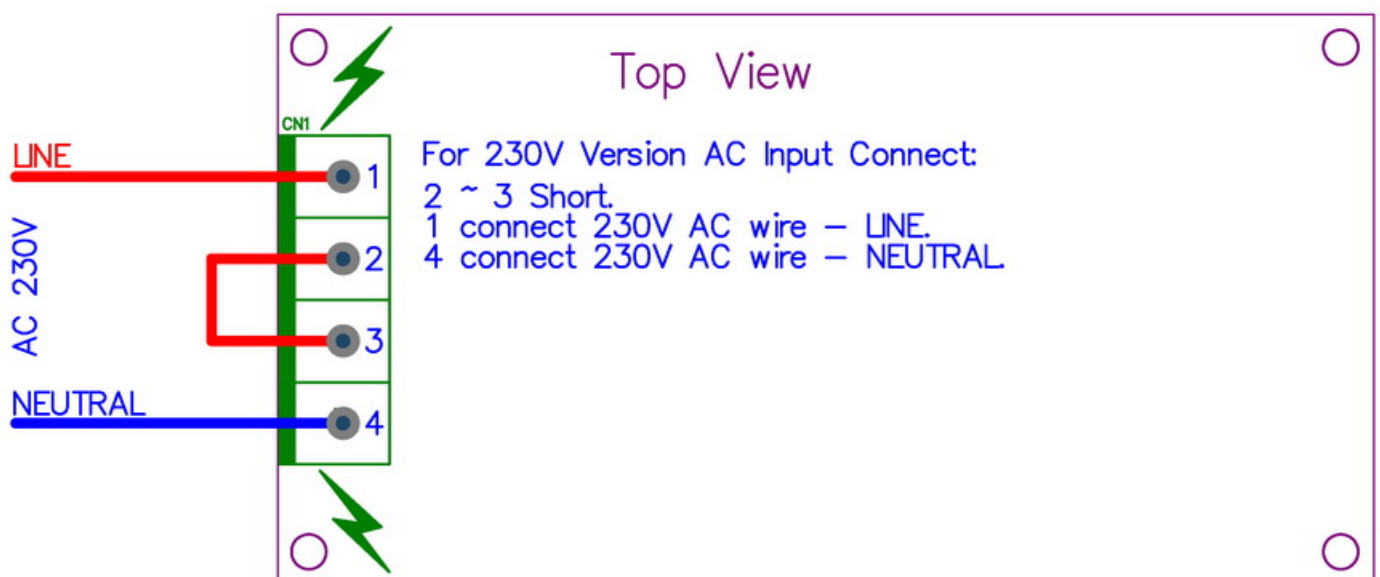
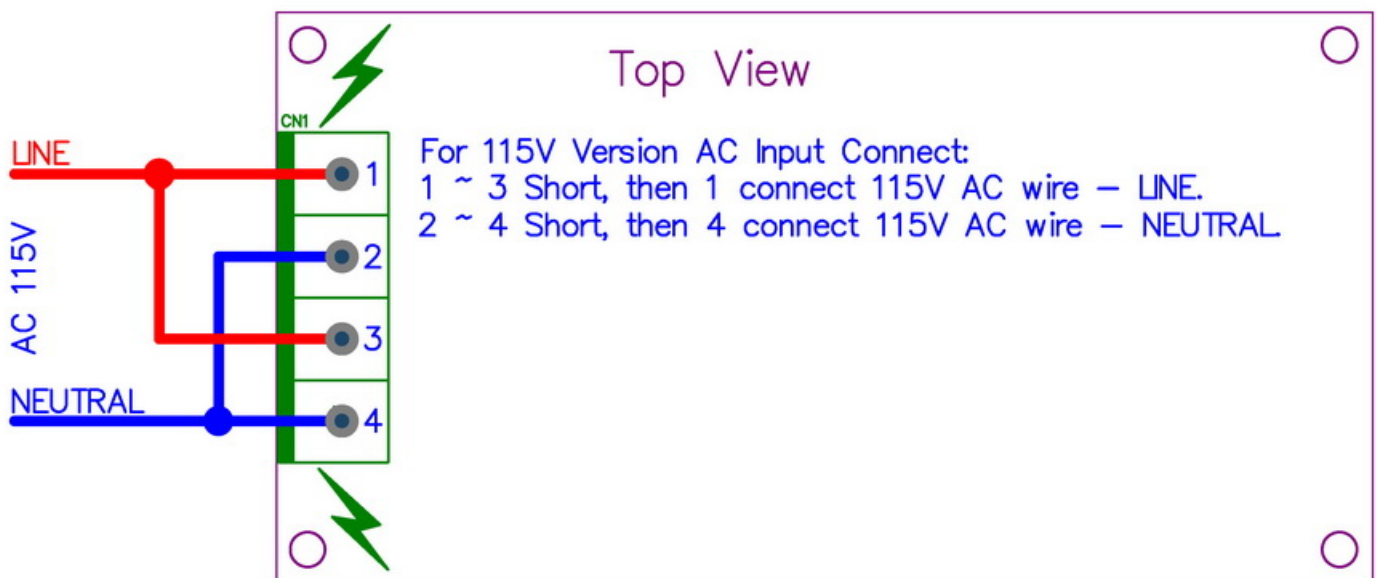
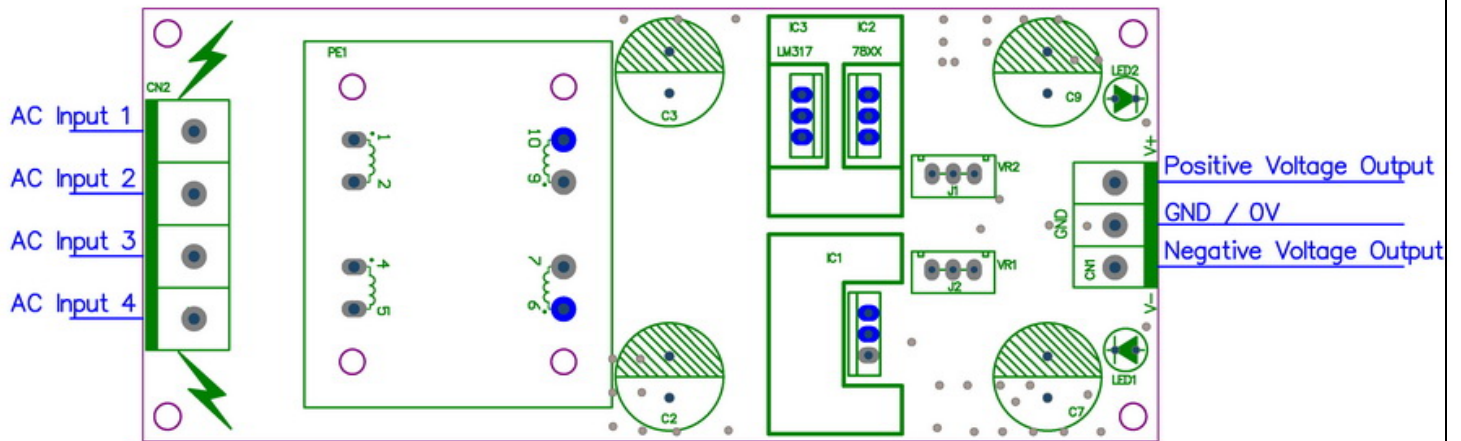
Version	Output Voltage	Output Current (max.)	Regulator IC
MD-A710-5V	+5 +/-0.2 Vdc	150mA	7805
	-5 +/-0.2 Vdc	150mA	7905
MD-A710-6V	+6 +/-0.25 Vdc	150mA	7806
	-6 +/-0.25 Vdc	150mA	7906

MD-A710-8V	+8 +/-0.3 Vdc	150mA	7808
	-8 +/-0.3 Vdc	150mA	7908
MD-A710-9V	+9 +/-0.35 Vdc	150mA	7809
	-9 +/-0.35 Vdc	150mA	7909
MD-A710-12V	+12 +/-0.5 Vdc	125mA	7812
	-12 +/-0.5 Vdc	125mA	7912
MD-A710-15V	+15 +/-0.6 Vdc	105mA	7815
	-15 +/-0.6 Vdc	105mA	7915
MD-A710-ADJ1	+1.5 ~ +9 Vdc	150mA	LM317
	-1.5 ~ -9 Vdc	150mA	LM337
MD-A710-ADJ2	+1.5 ~ +12.3 Vdc	125mA	LM317
	-1.5 ~ -12.3 Vdc	125mA	LM337
MD-A710-ADJ3	+1.5 ~ +15.8 Vdc	105mA	LM317
	-1.5 ~ -15.8 Vdc	105mA	LM337

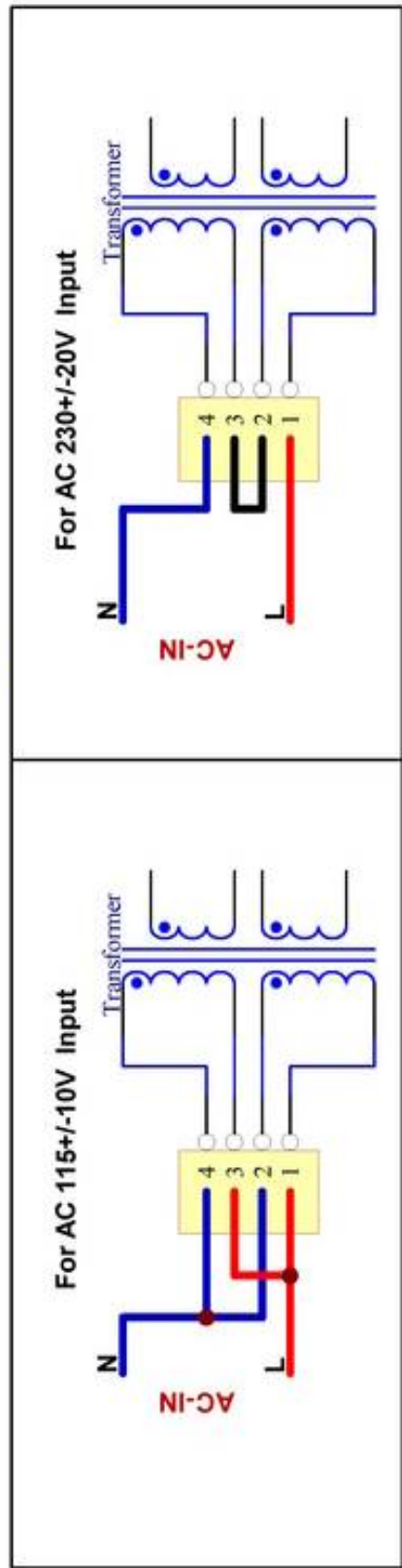
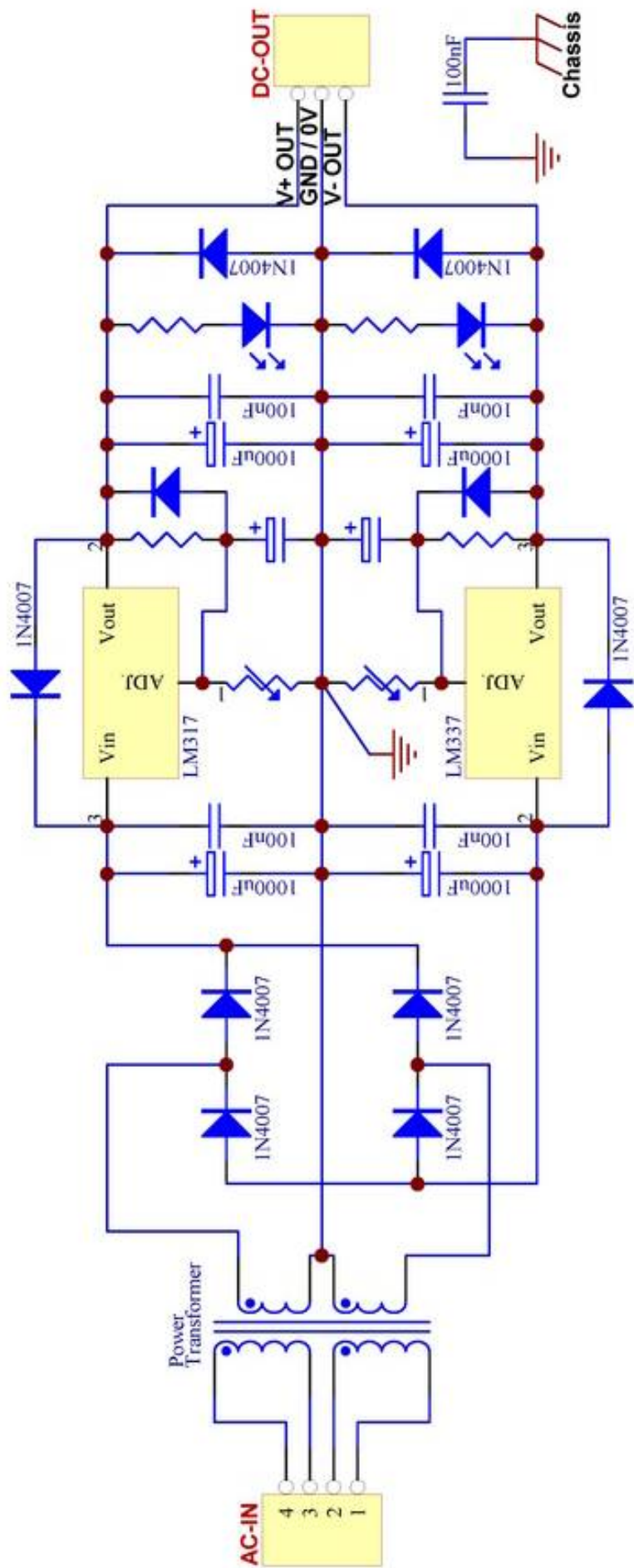
Mount Drawing:



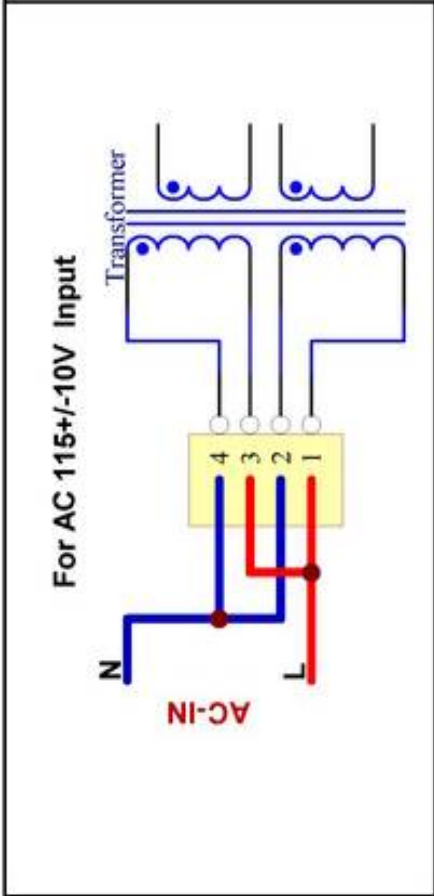
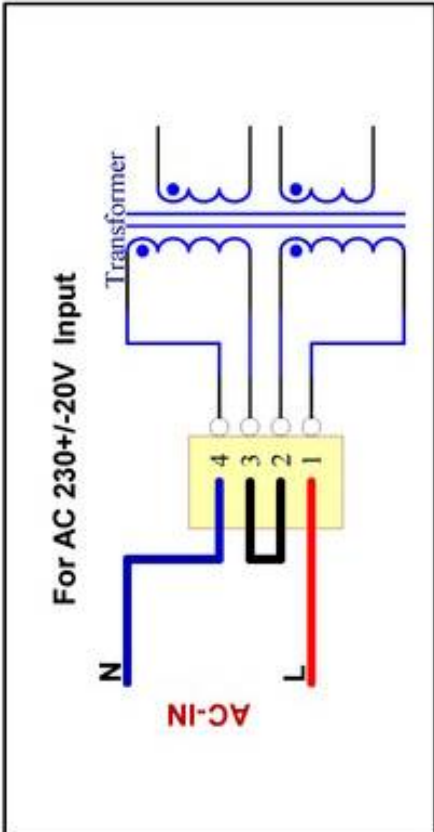
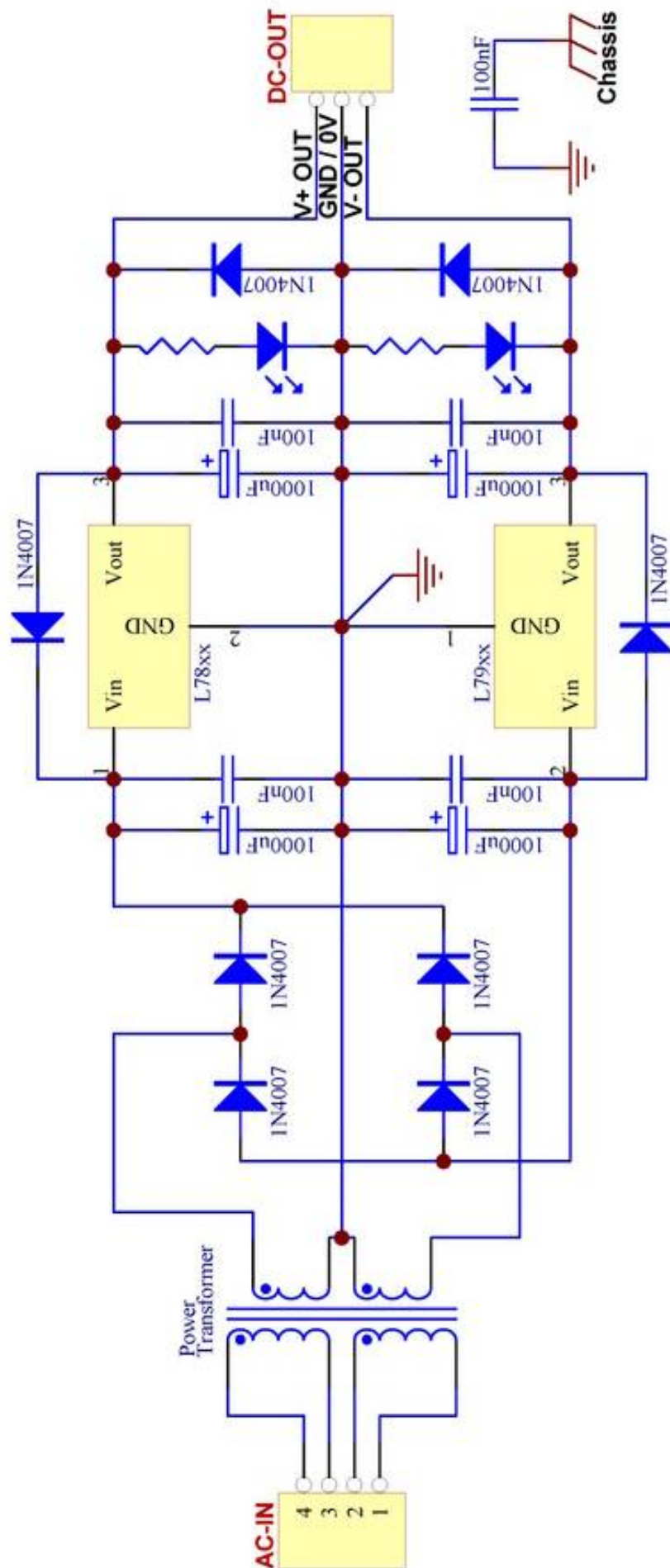
Terminal Connect:



Schematic (Adjustable version):

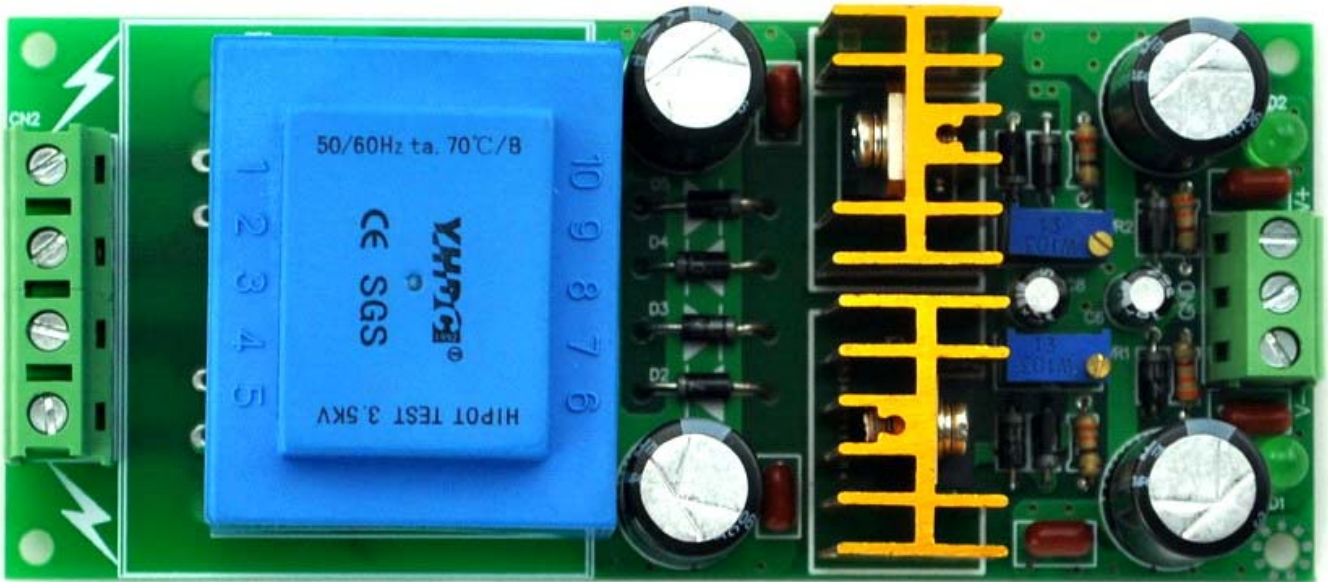


Schematic (Fixed output version):



About output voltage adjust (adjustable version):

Two blue **28 turns** precision trimming potentiometers, you can adjust the brass slot head to change output voltage. VR1 adjust negative voltage, VR2 adjust positive voltage.



Note:

For AC 230V or 115V mains input, we recommend you series connect a 100mA fuse, but the item not include fuse and fuse holder.