



Technical details for the Power supply – Max 100V DC

The contact named "AC in" is for the transformer. There is a possibility to connect a transformer with two secondary windings when the contact are jumpered for each winding.

In the lower row of contacts to the left is the contact marked LV for low voltage, Be carefull with the + and -. LV is for the 5V,12V etc. It's possible to order this board with other voltages.

To the right of the 5V is the motor outputs, also here take great car of the + and -. The board have an LED indication of the LV status (green). Motor voltage is depending of the transformer voltage. This can be caculated throgh $V_{out} = V_{in} \times \sqrt{2}$.

It's also possible to connect external capacitors through the connector marked Ext.Cap. Also here take great care of the + and -.

If you do not use our heat sink the rectifier diodes **must** be mounted against similar material due to good cooling. If you have chosen to not use a heat sink which is premounted by us, you have to use insulation for the TO 220 diodes otherwise a short circuited appears.

Please check the marking "LV= xx V" says what you have been ordered **before** you connect anything to the supply.

Max AC in is 70V do not exceed.