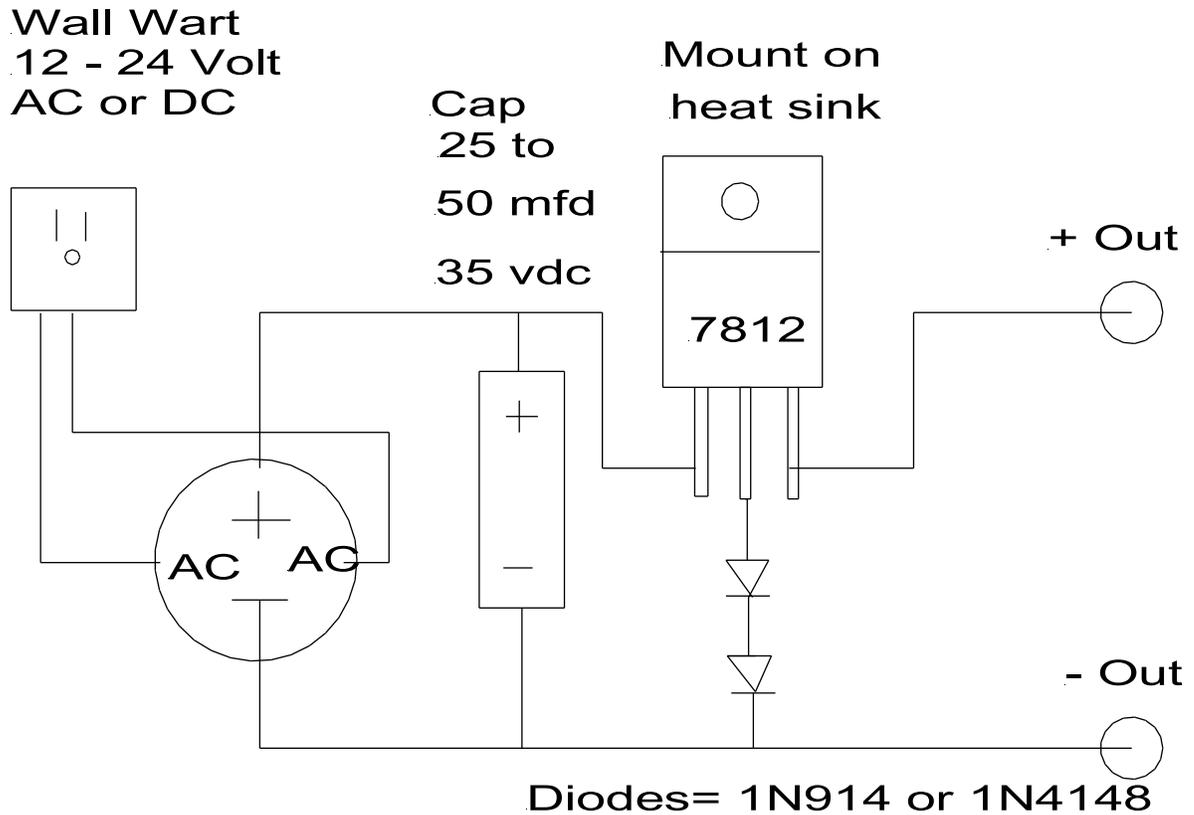


## Schematic for 12 v Gell Cell charger, by KB2OTY



This will charge gell cells and maintain a float charge of 13.4 volts.

The bridge rectifier will accept an input of either AC or DC from the wall wart. A 15 to 18 volt transformer of about 1 amp will also work. With the bridge on the input you don't have to worry about the output polarity of the wall wart.

The diodes raise the ground terminal of the 7812 about 1.4 volts above ground. Each diode has a .7 volt drop. Therefore  $12 + .7 + .7 = 13.4$  volts.

Gell cells should normally be charged at 1/10 their rated output.