Joshua Tapoof

B5

Engineering

Engineering Specification

 First I will wire up the solar panel by connecting the 1N914 diode on the solar panel making sure that the black bar on the diode is pointing away from the solar cell. Then attach a long wire to the negative side of the diode to the negative tab on the solar cell. Then on the battery pack I just connect all of the positive wires with all of the negative wires.

 The charging circuit that I got had a couple of LED’s on it so I just removed them because they are a waste of power. Now all I have to do is solder the positive wires to the positive points on the board. Then the negative wires to the negative points on the board. Now I used an Altoid’s tin just because it is the perfect size for this. I just cut a hole big enough for the USB port. Then I glue everything in.