

## LIPO Battery Charging

Hi guys, how many times have we checked our lipos and found a low cell ,say 3.80 volts or less and the rest of the pack is reading 4.2 volts but, the balance charger keeps saying LOW VOLTAGE and will not let you charge. To charge the low voltage cell you first have to make an adaptor (see pics) .

This is the tricky part...determine what cell is low on the BALANCE PLUG on the lipo. To make the adaptor first get a servo extension and cut away the female housing leaving the 3 exposed pins. Cut off the signal pin and remove the wire leaving only the positive and negative pins. This will be connected to the low cell female positive and negative pins on the balance plug. Now install a banana plug positive and negative on the other end of the servo lead and this is plugged into the main input on your charger. Set your charger to 1s 4.20 volts .05 amps. The charger will auto charge to 4.20 volts very slowly (say 2 hrs).

The hardest thing to explain is how to determine the balance plug connection. Just remember the black negative wire on the plug is always on the end. Any questions ... email me or call.

Cheers:  
Bill

The link below is for a dead cell and is very helpful. The other YouTube videos must be taken with safety in mind.

<https://youtu.be/ti53wyRd3Ig>

