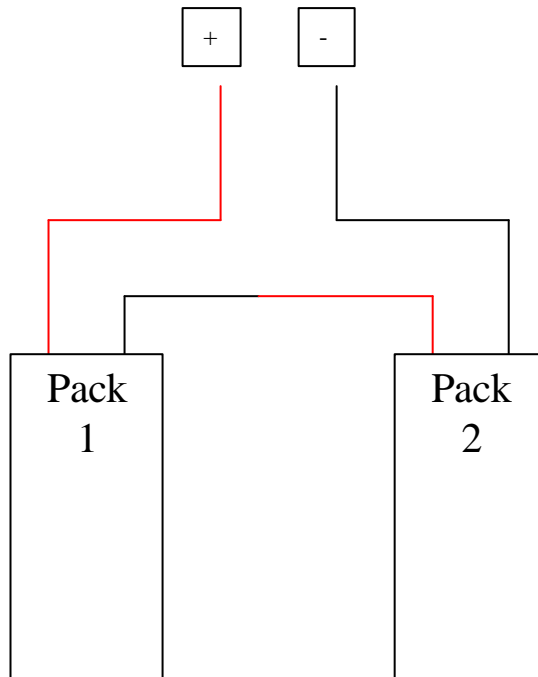


Battery packs in series



Both packs must be closely matched (the same type, manufacturer and capacity) although the number of cells within each pack does not need to be the same. Both packs can be charged, connected in series using a suitable charger rated for the appropriate number of cells. The total output voltage will be the sum of the two individual pack voltages.

Normal 05/540 motors are only usually rated for a maximum of 8 cells. You can run them on more cells if you like lots of maintenance. Graupner 700 series motors work well on 12 cells and cobalt or brushless motors are suitable for even higher cell counts. Higher cell counts can be accommodated by running the motors in series.

The information in this document is presented in good faith. The author cannot accept any responsibility for loss, damage or injury resulting from this advice. You should take all reasonable safety precautions before attempting any work.