$lc = 31.277, \, hc = 126.669, \, eta = 0.4730, \\ fixed overlap = 0, \, coil \, winding \, len = 122, \, RMSE = 6.151 \, (round), \, max \, \, Li \, deviation = 3.13, \, ave. \, li \, deviation = 1.17 \\ optimizer \, flag = 3$ 

