$lc = 31.447, \, hc = 125.730, \, eta = 0.4690, \\ fixed overlap = 0, \, coil \, winding \, len = 123, \, RMSE = 7.641 \, (round), \, max \, Li \, deviation = 3.73, \, ave. \, li \, deviation = 1.46 \\ optimizer \, flag = 3$

