$lc = 30.162, \, hc = 131.378, \, eta = 0.4980, \\ fixed overlap = 0, \, coil \, winding \, len = 116, \, RMSE = 5.513 \, (round), \, max \, \, Li \, deviation = 2.62, \, ave. \, li \, deviation = 1.15 \\ optimizer \, flag = 2$ 

