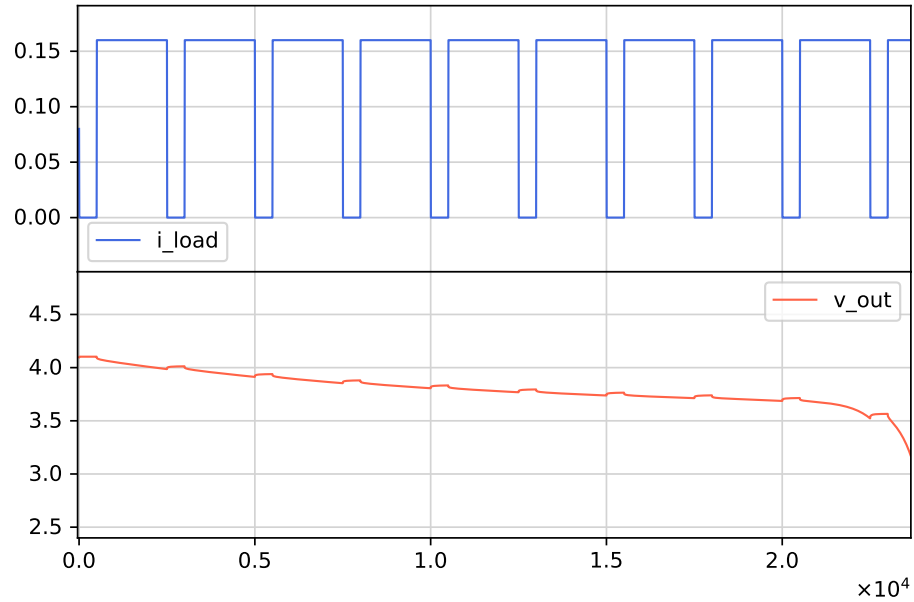


test_battery_discharge.grc

In this project, discharging of a battery with some given current load is simulated. The battery model used is described in the following reference. The load current and battery voltage plots (versus time in seconds) are given below.



Reference:

M. Chen and G.A. Rincon-Mora, "Accurate electrical battery model capable of predicting runtime and IV performance," *IEEE transactions on energy conversion*, vol. 21, pp. 504-511, 2006.