

# Appendix A. The simulation model of hybrid power supply system developed in the Matlab-Simulink environment.

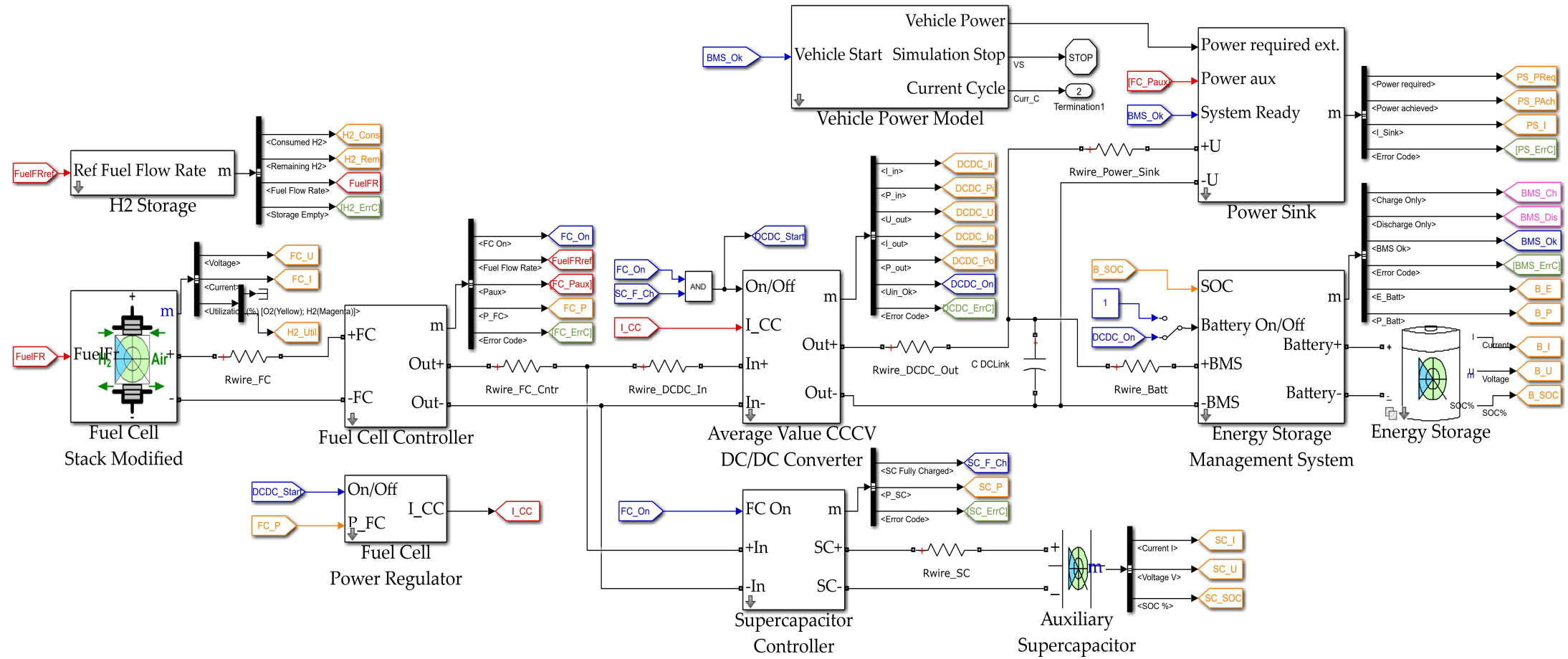


Figure A.1. The simulation model of hybrid power supply system developed in the Matlab-Simulink environment.

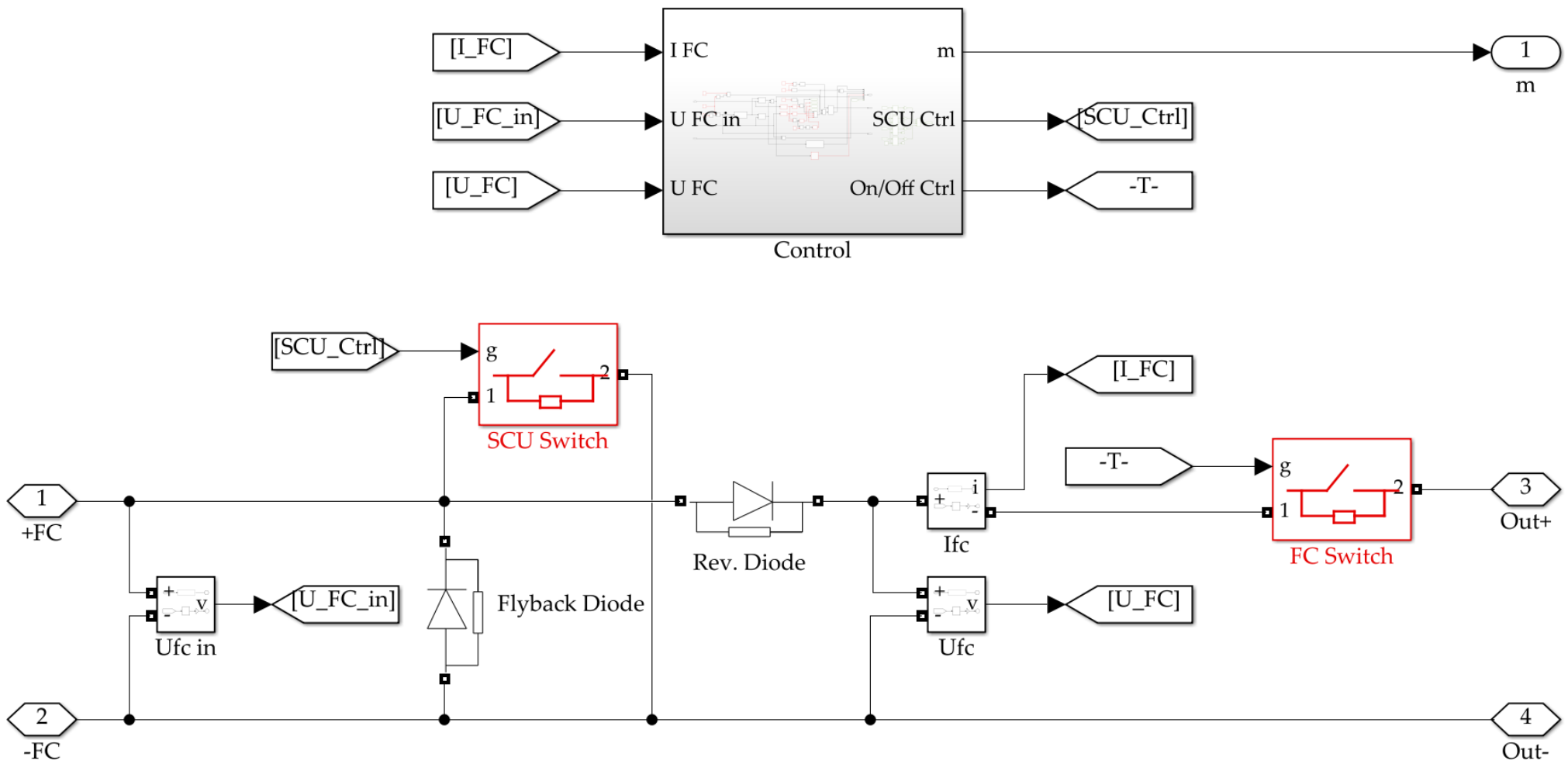


Figure A.2. The "Fuel Cell Controller" subsystem.

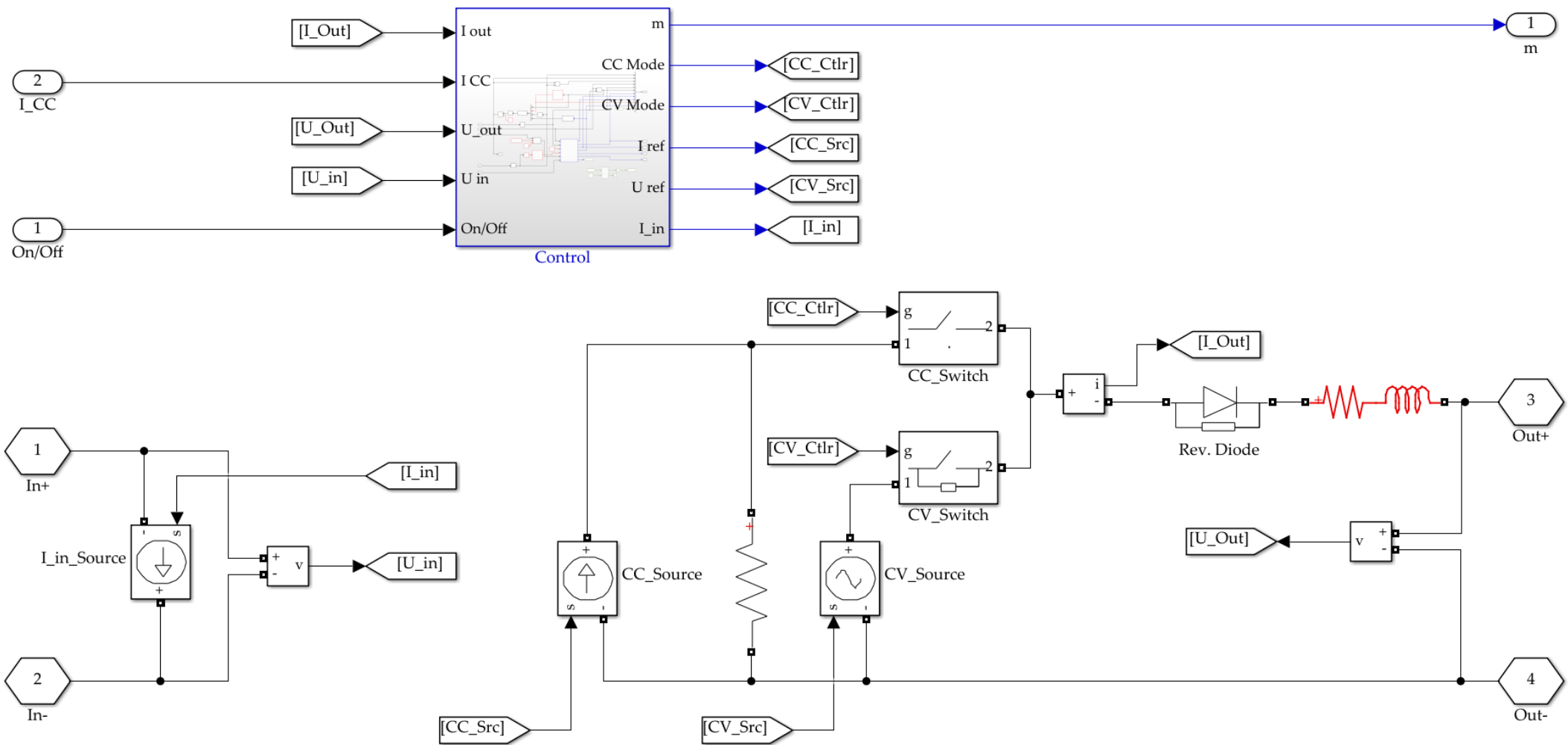


Figure A.3. The "Average Value CCCV DC/DC Converter" subsystem.

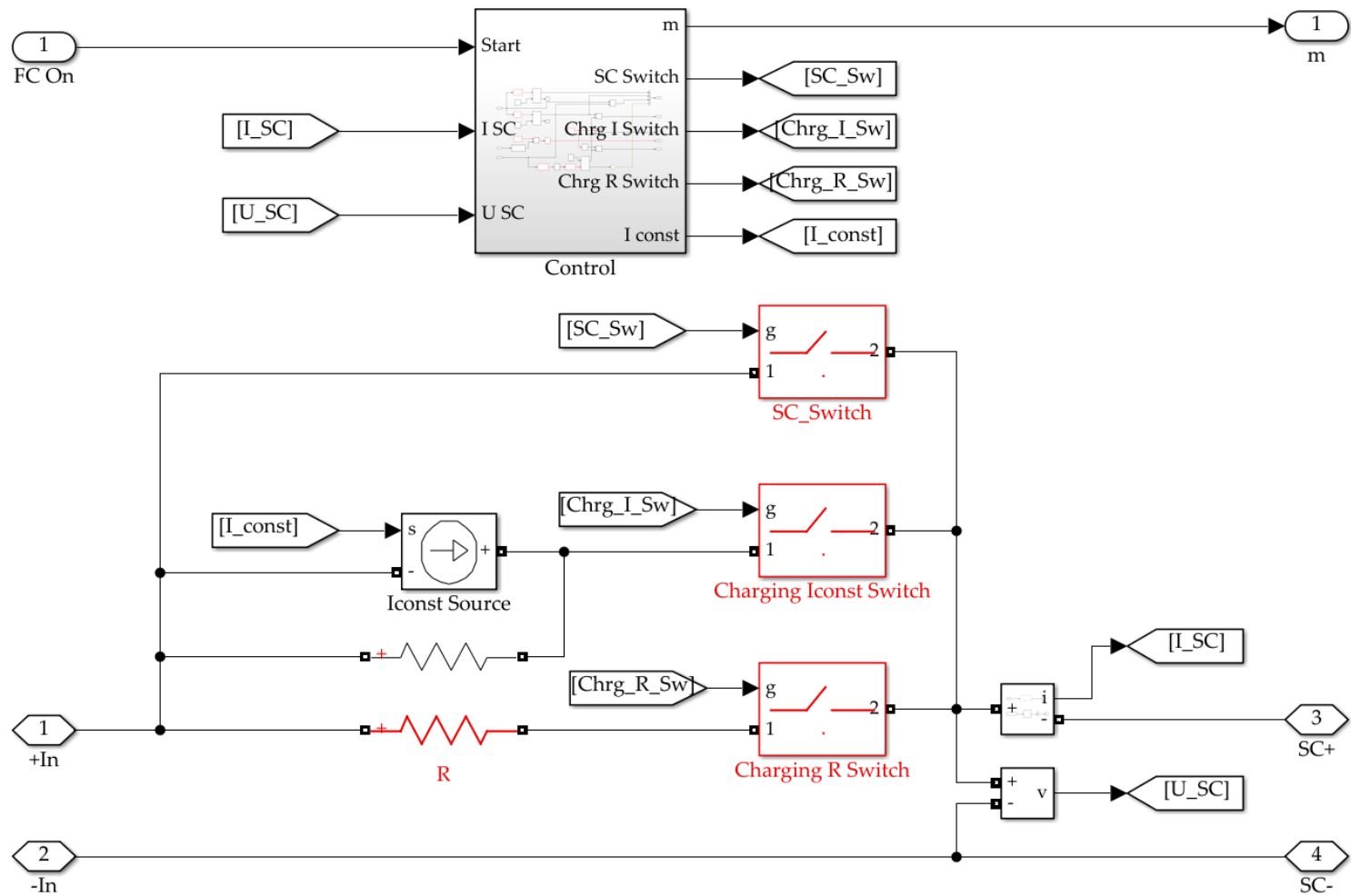


Figure A.4. The "Supercapacitor Controller" subsystem

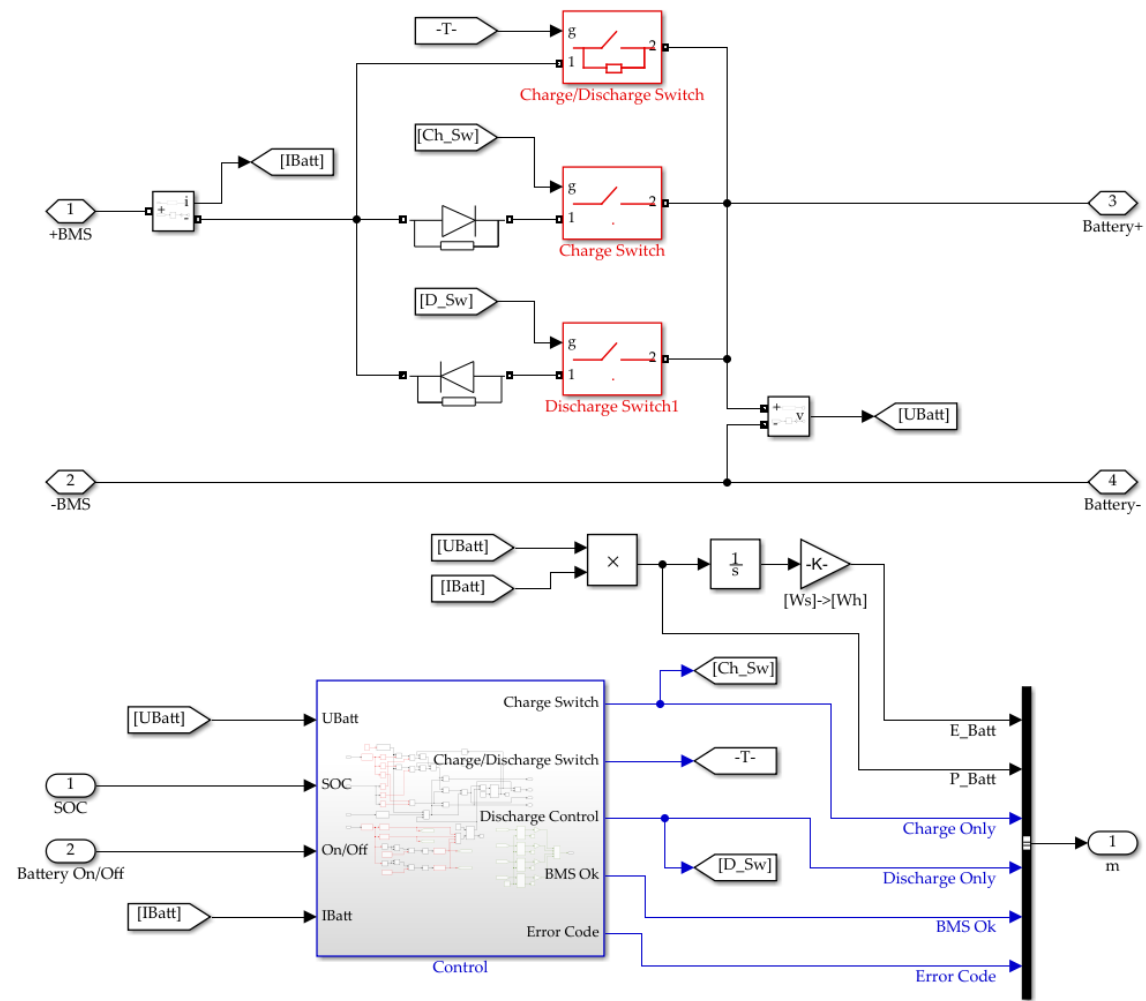


Figure A.5. The “Energy Storage Management System” subsystem.

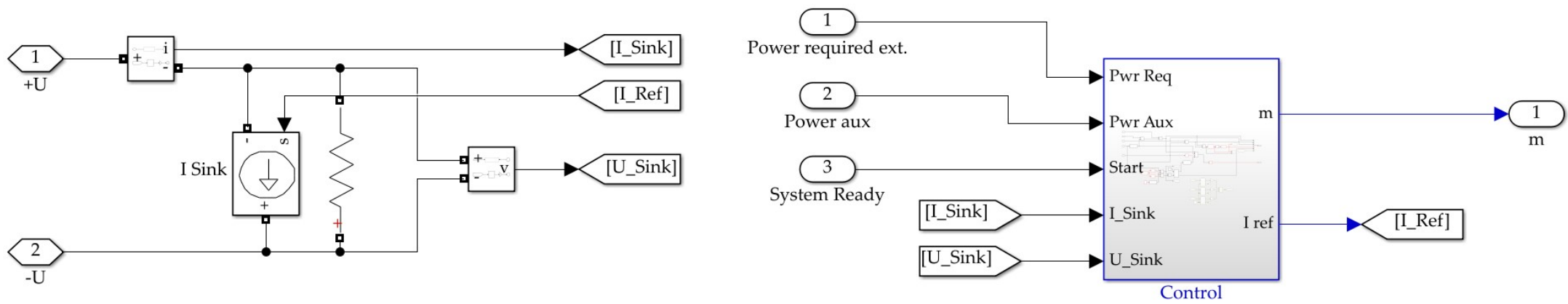


Figure A.6. The "Power Sink" subsystem.

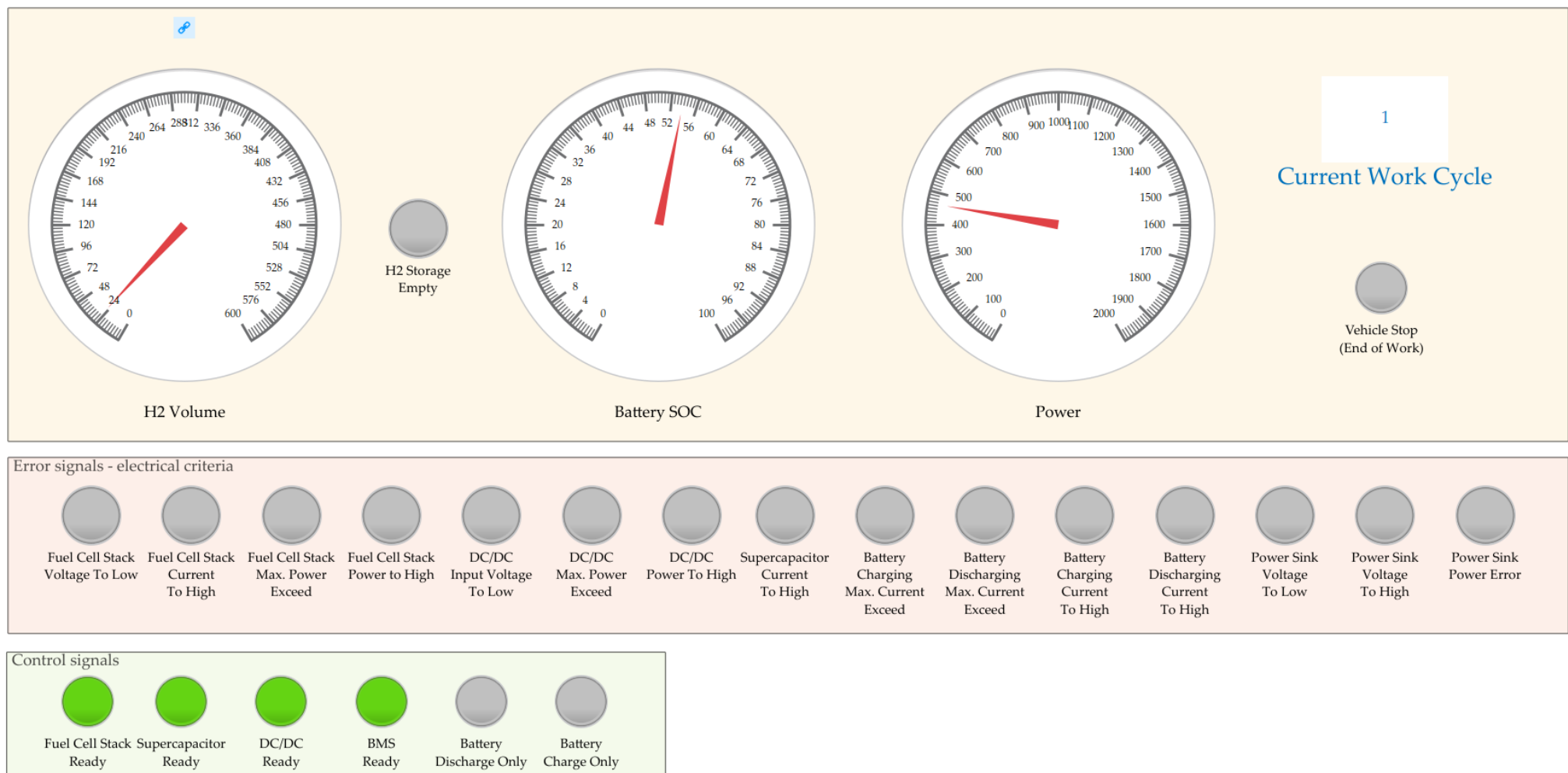


Figure A.7. The dashboard for simulation model.