

Supporting information:

Preparation and characterization of PFSA-PVDFblend nanofiber membrane and its preliminary application investigation

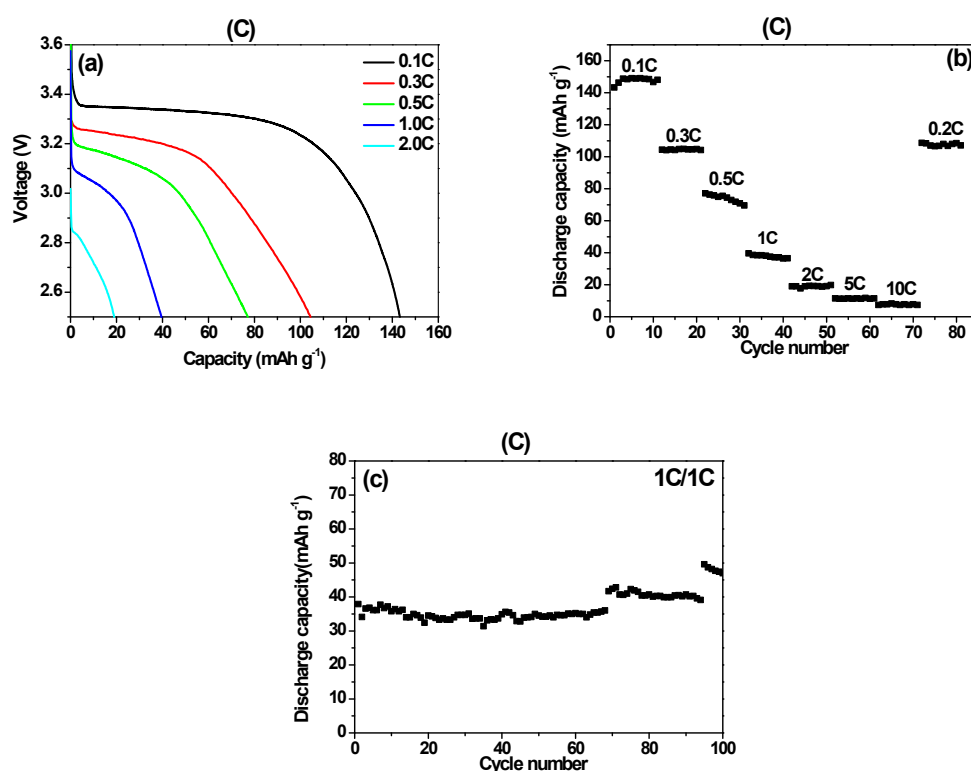


Figure 1. (a) The C-rate capacity of cells, which was assembled with LiFePO_4 cathode and lithium anode, containing the PFSA-PVDF (4:1) based separator. (b) The discharged C-rate capacity (the charge current is 0.1 C). (d) The discharge capacity of cells containing the PFSA-PVDF (C) based separator as a function of cycle number at 1 C with charging current rate of 1 C.

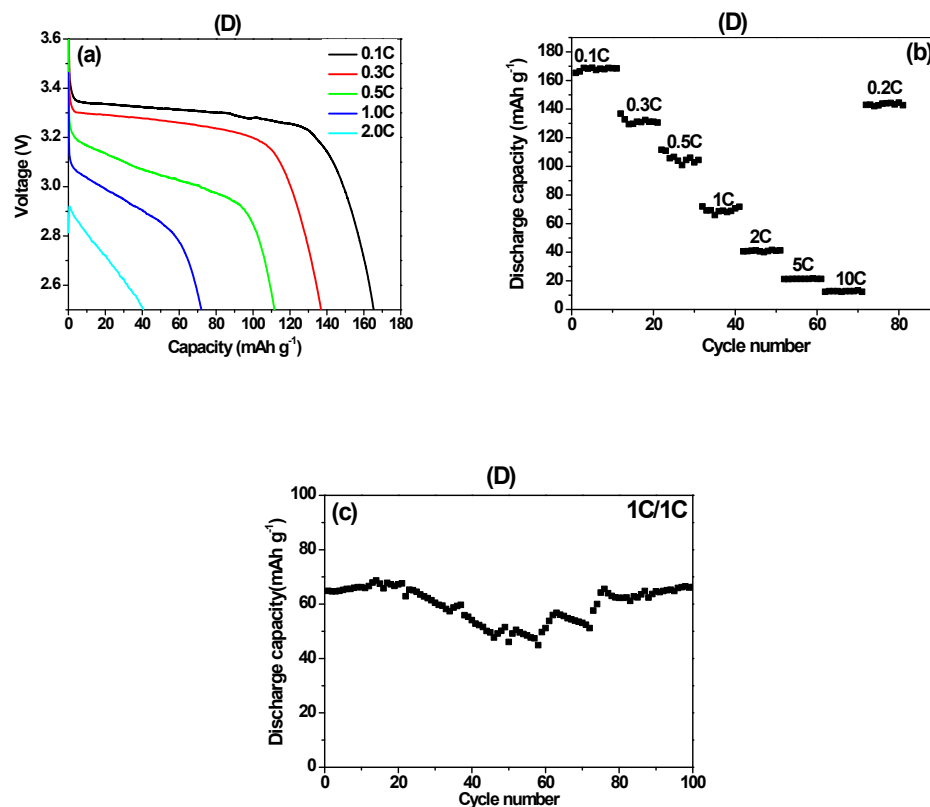


Figure 2. (a) The C-rate capacity of cells, which was assembled with LiFePO_4 cathode and lithium anode, containing the PFSA-PVDF (9:1) based separator. (b) The discharged C-rate capacity (the charge current is 0.1 C). (d) The discharge capacity of cells containing the PFSA-PVDF (D) based separator as a function of cycle number at 1 C with charging current rate of 1 C.