

Supporting Information

Piperidinium-based ionic liquid electrolyte with linear solvent and LiODFB for LiFePO₄/Li cells at room and high temperature

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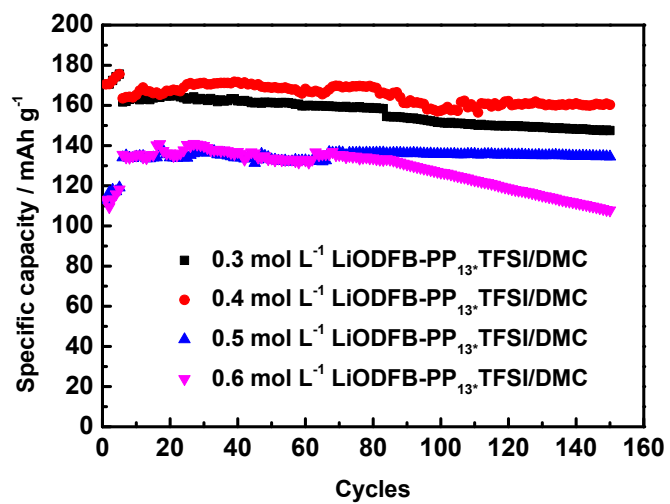


Figure S1. Comparison of long Charge-Discharge studies of LiFePO₄ electrodes with different concentration of LiODFB at room temperature.

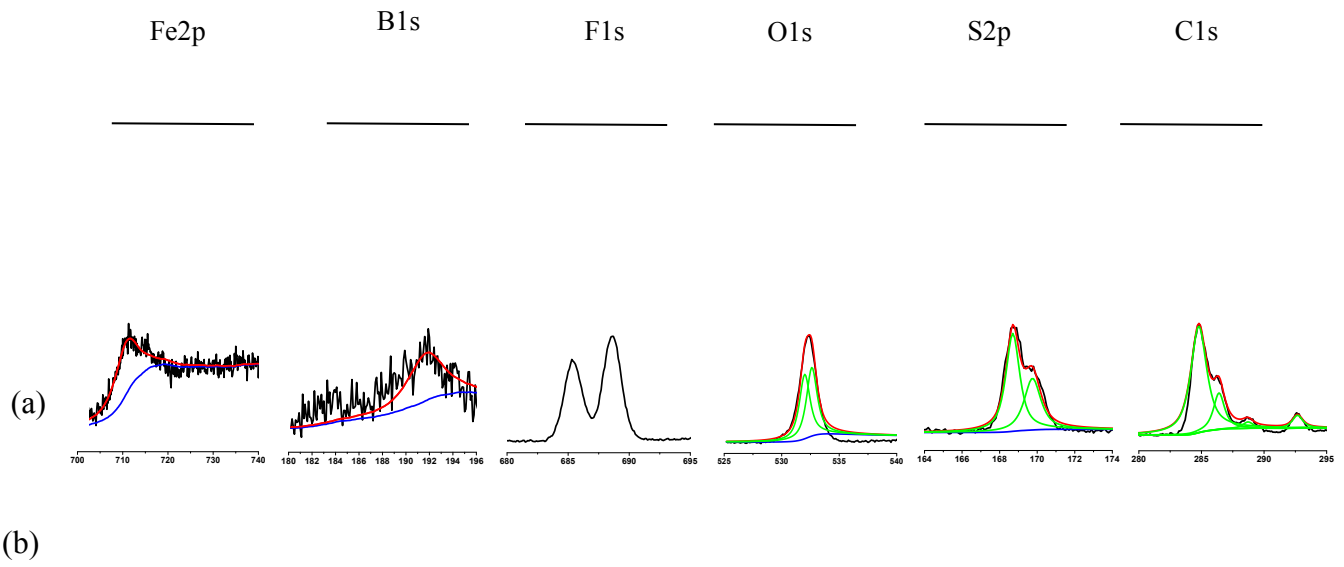


Figure S2. XPS patterns of cycled LiFePO₄ electrodes in the different electrolytes: (a) 0.1 mol L⁻¹ LiODFB-PP₁₃*TFSI and (b) 0.4 mol L⁻¹ LiODFB-PP₁₃*TFSI/DMC(8:2) at 60 °C.