

Supporting Information

Boosting sodium storage performance of $\text{Na}_{0.44}\text{MnO}_2$ through surface modification with conductive polymer PPy utilizing sonication-assisted dispersion

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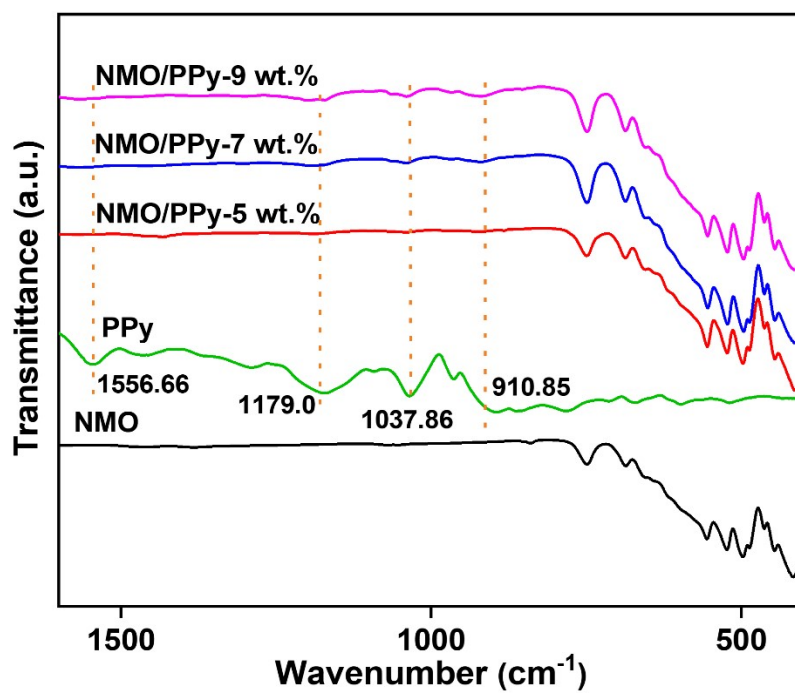


Figure S1. FT-IR spectra of NMO, PPy, and different NMO/PPy composites in the range of 1600-400 cm⁻¹.

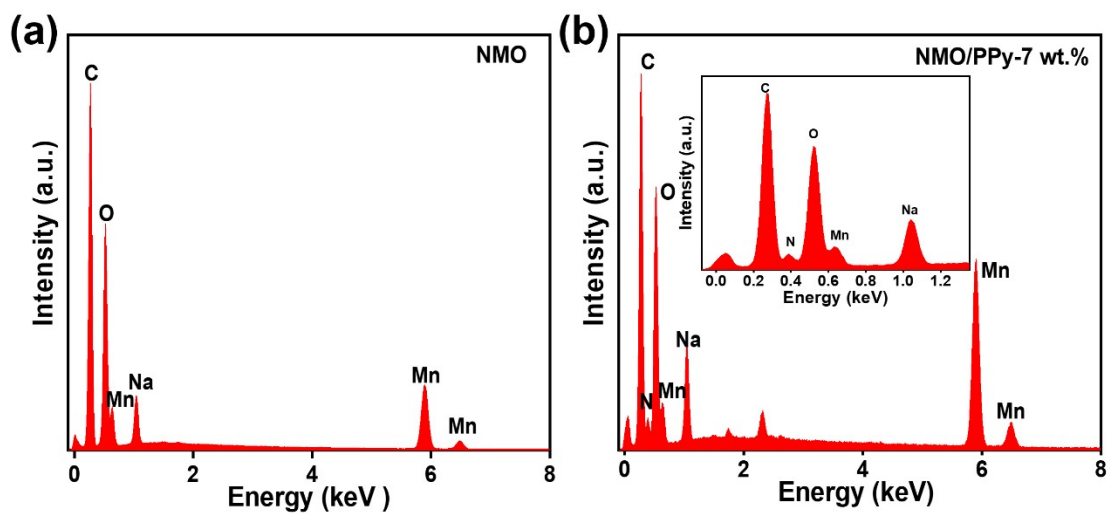


Figure S2. (a, b) EDS comparison between NMO and NMO/PPy-7 wt.%.

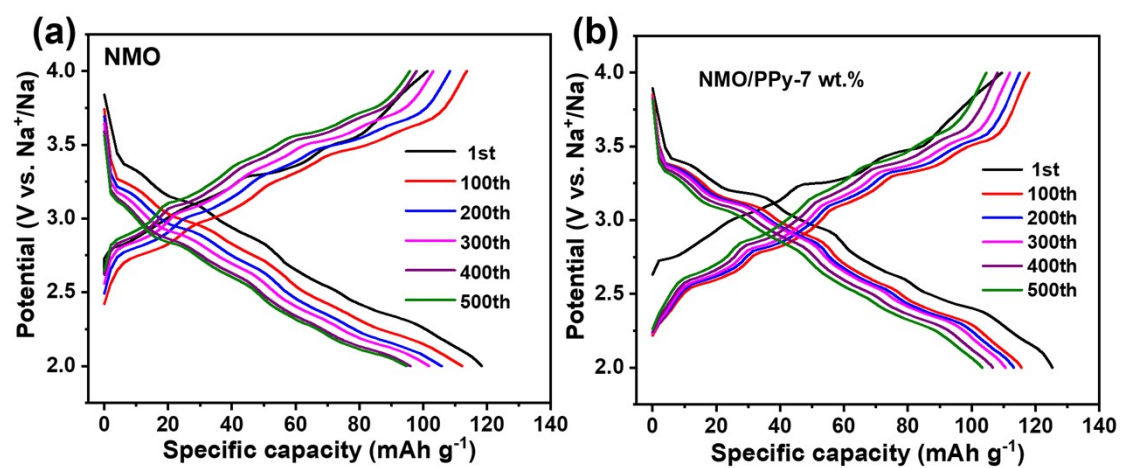


Figure S3. (a, b) Comparison of charge-discharge curves with different cycles for NMO and NMO/PPy-7 wt.%.

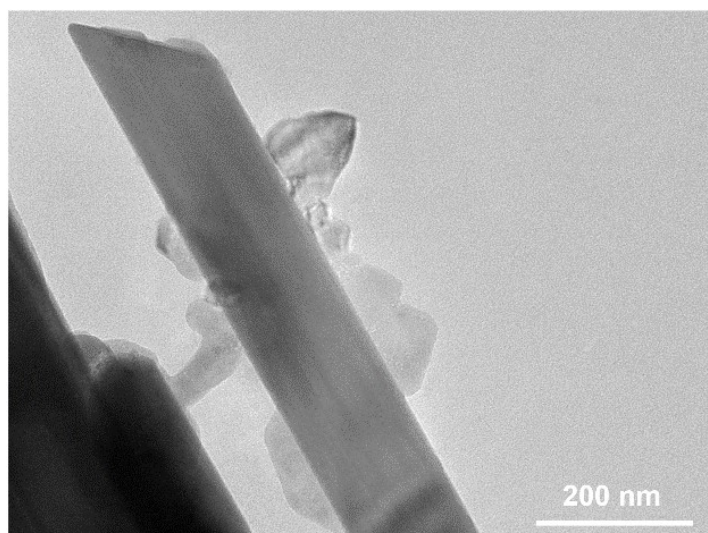


Figure S4. TEM image of NMO/PPy-7 wt.% after 500 cycles at 1 C.

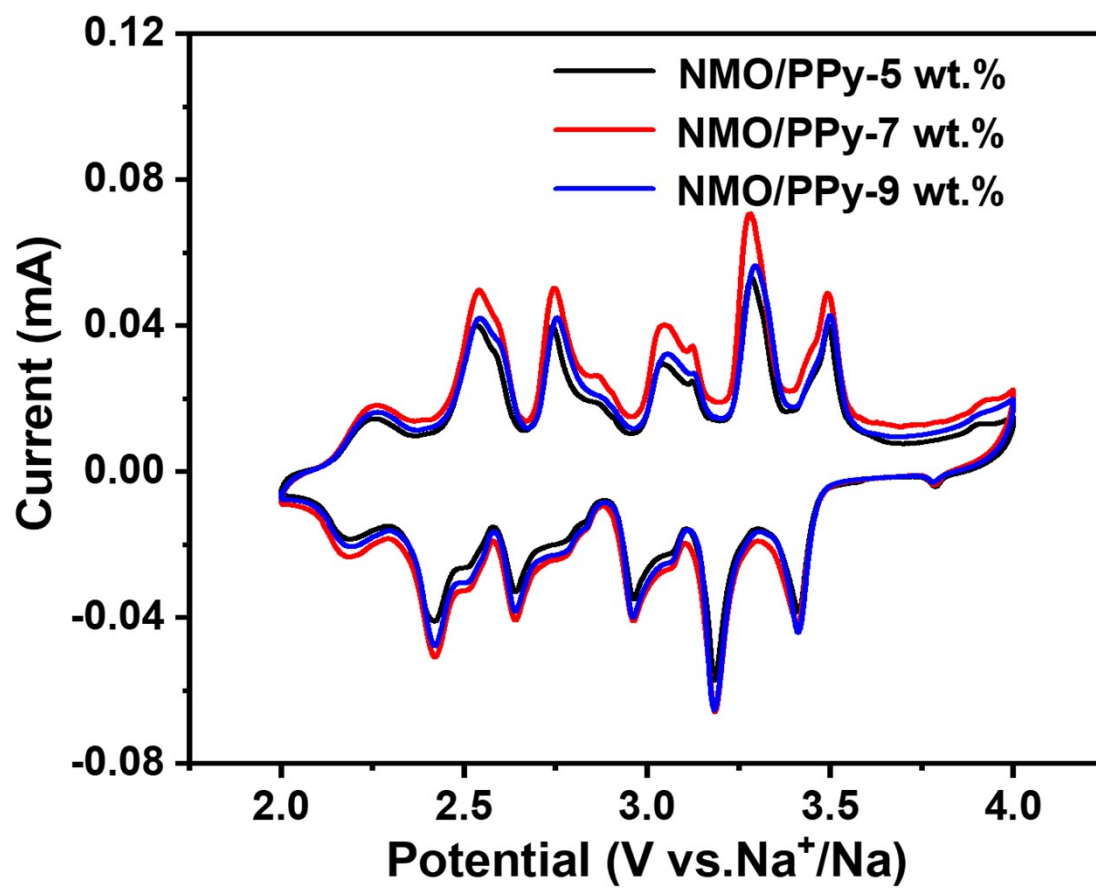


Figure S5. Comparative CV of different NMO/PPy composites in the second cycle.