

Supporting Information

Manganese Dioxide Nanosheets Functionalizing Sulfur@PEDOT Core-Shell Nanospheres for Advanced Lithium-Sulfur Batteries

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Table S1 R_{ct} values and increasements of the S-NPs, S@PEDOT and S@PEDOT/MnO₂ electrodes before and after 200 cycles

R_{ct}	S (Ω)	S@PEDOT (Ω)	S@PEDOT/MnO ₂ (Ω)
0 cycle	260	155	59
The 200 th cycle	450	218	71
Increase (%)	73	41	20

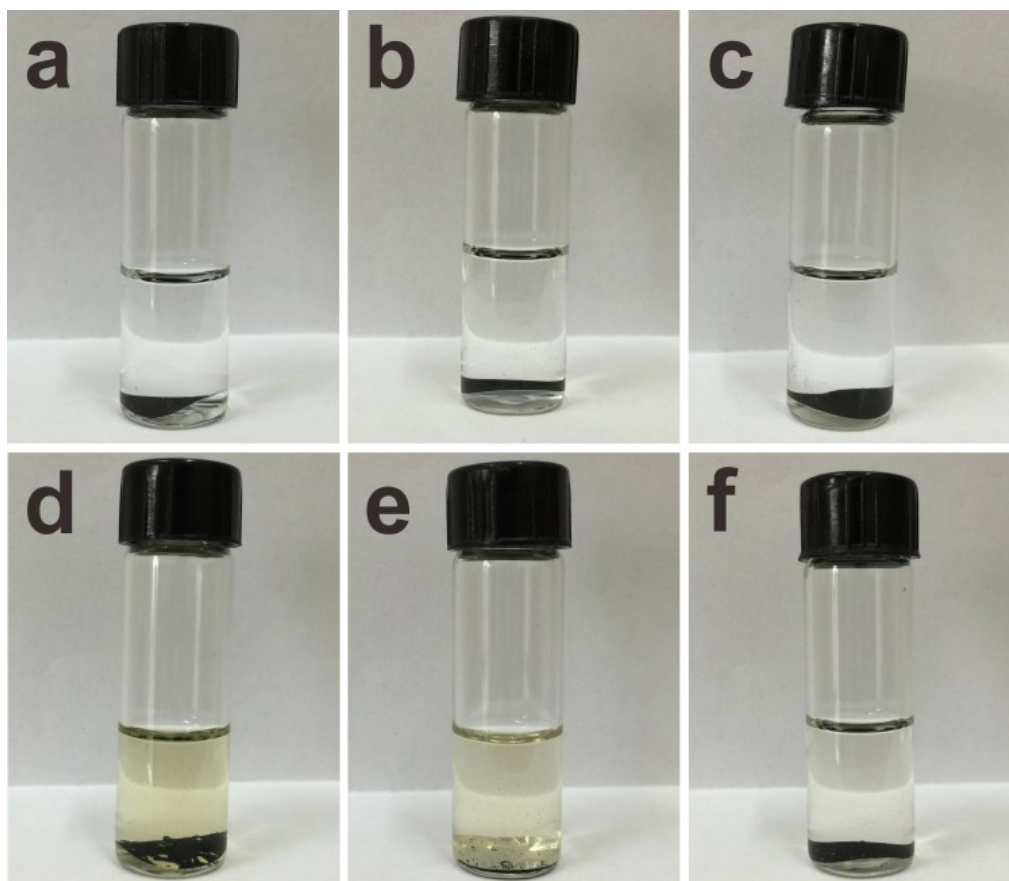


Fig. S1 Digital photographs of (a, d) S-NPs, (b, e) S@PEDOT, and (c, f) S@PEDOT/MnO₂ electrodes in ethanol before and after 200 cycles.