

Supplementary Information for

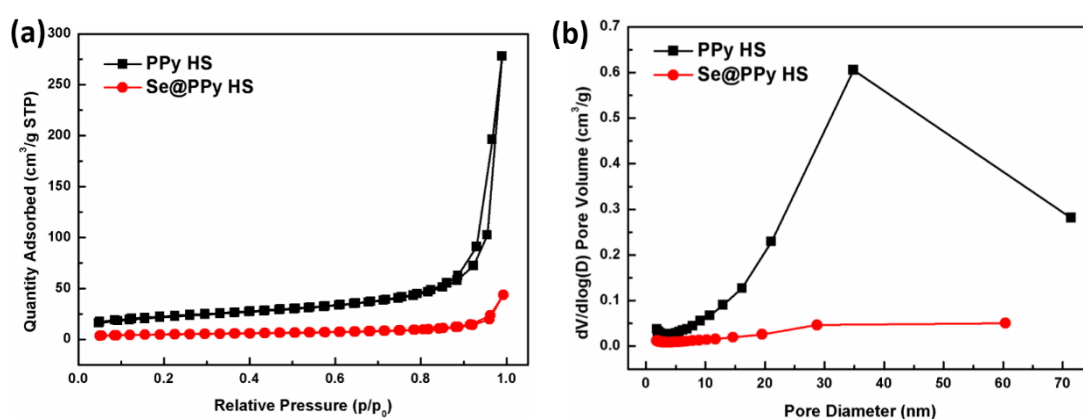
A selenium@polypyrrole hollow sphere cathode for rechargeable lithium batteries

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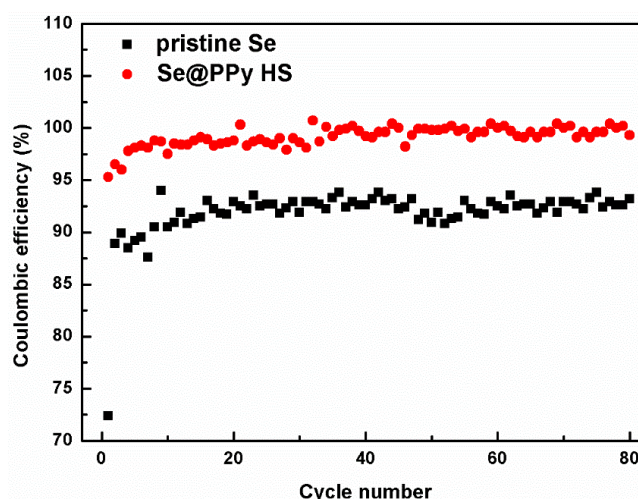
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Supplementary Figure S1. (a) N₂ adsorption/desorption isotherms, (b) pore size distribution of the PPy hollow spheres and Se@PPy HS composite. After Se loading, the specific surface area (78 m²/g) and pore volume (0.43 cm³/g) of PPy hollow spheres reduce to 17 m²/g and 0.07 cm³/g, respectively.



Supplementary Figure S2. Coulombic efficiency of Se@PPy HS and pristine Se at 0.2C (with a scale range of 70% - 110%).