Supporting information

Porous Hybrid Nanofibers Comprising ZnSe/$CoSe_2$/Carbon with Uniformly Distributed Pores as Anodes for High-Performance Sodium-Ion Batteries

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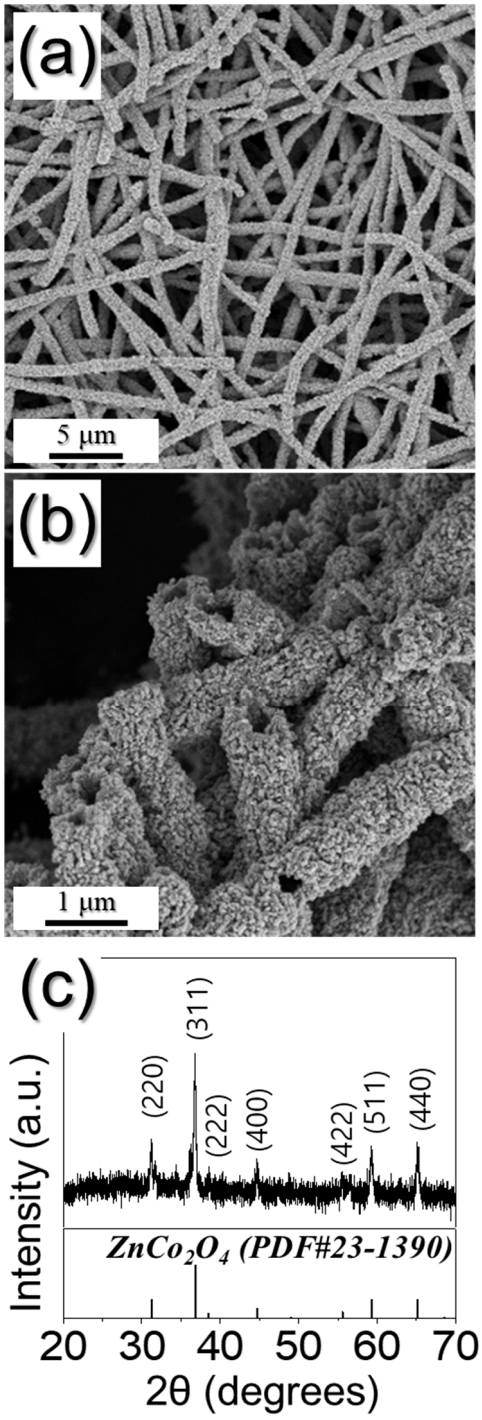

Figure S1. (a and b) Morphologies and (c) XRD pattern of the nanofibers obtained after heat-treatment of as-spun nanofiber at 400℃ under air atmosphere.

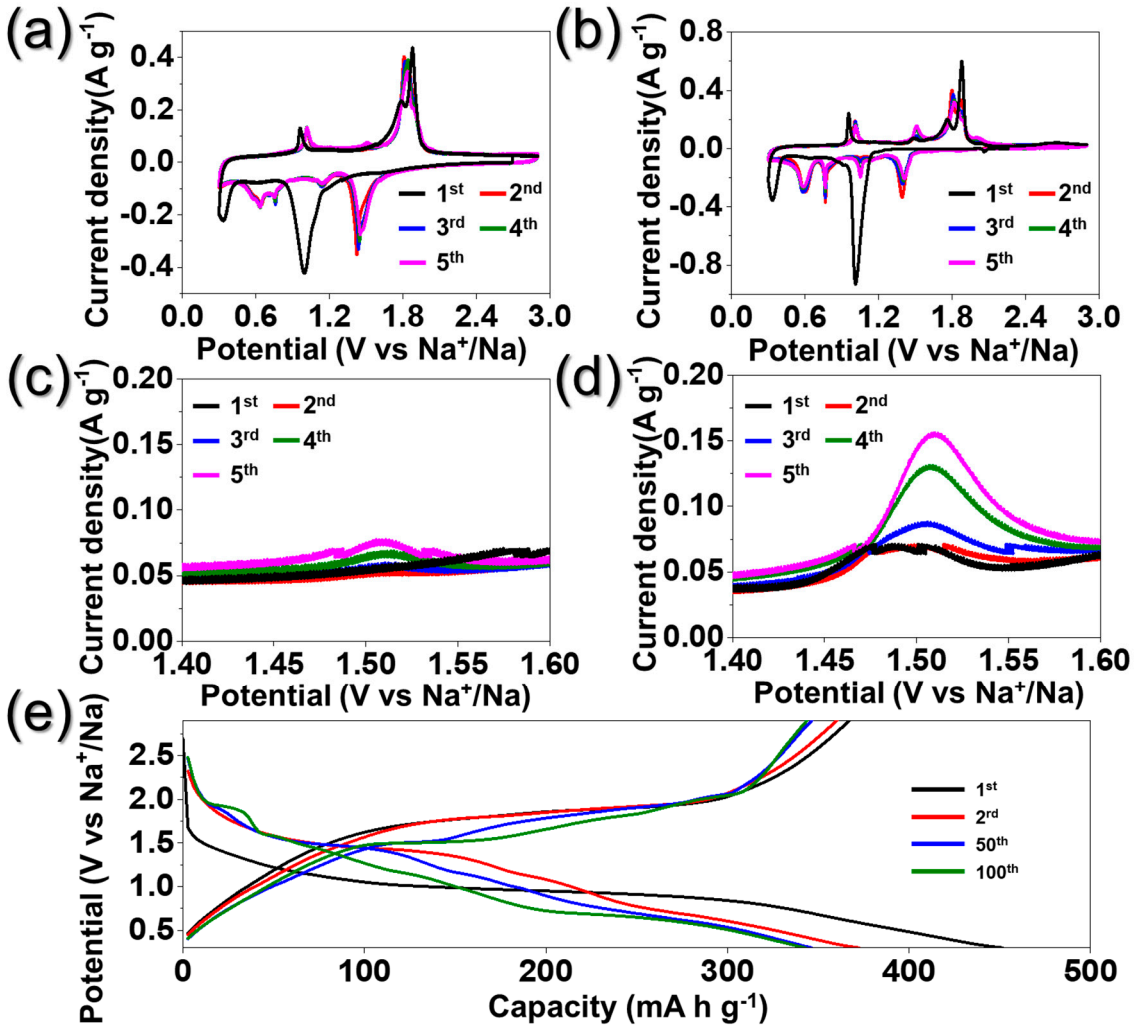

Figure S2. Electrochemical properties of porous ZnSe/$CoSe_2$/C composite nanofibers and bare ZnSe/$CoSe_2$ powders: (a,c) cyclic voltammetry (CV) curves of porous ZnSe/$CoSe_2$/C composite nanofibers, (b,d) CV curves of bare ZnSe/$CoSe_2$ powders, and (e) charge-discharge curves of porous ZnSe/$CoSe_2$/C composite nanofibers. All cells assembled with ether-based electrolyte.

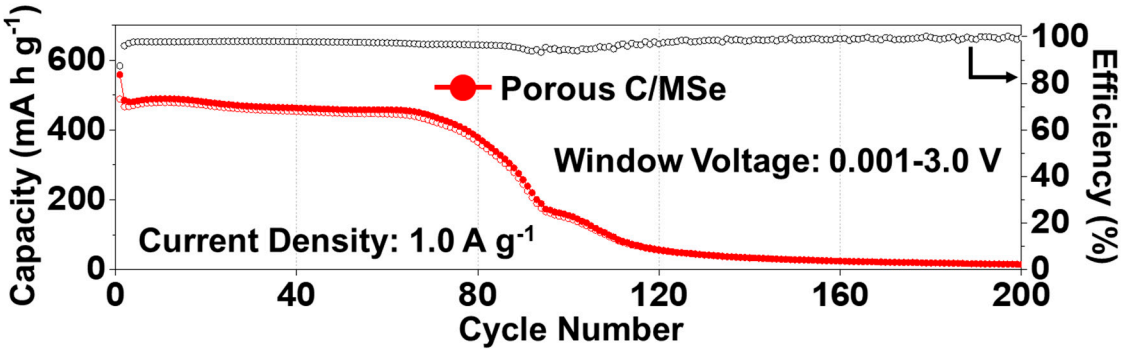

Figure S3. Cycling performance of the porous ZnSe/$CoSe_2$/C composite nanofibers assembled with ether-based electrolyte in voltage windows between 0.001 and 3.0 V.

Table S1. Elemental analysis result of porous ZnSe/$CoSe_2$/C composite nanofibers.

Sample	C (wt%)
Sample	15