

Supplementary Materials: Cu₂Se Nanoparticles Encapsulated by Nitrogen-Doped Carbon Nanofibers for Efficient Sodium Storage

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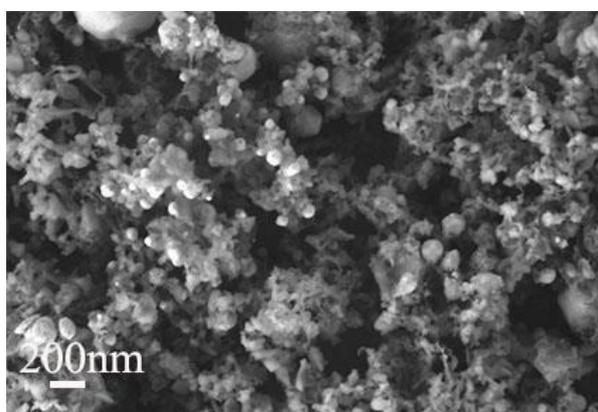


Figure S1. Typical SEM image of Cu₂Se.

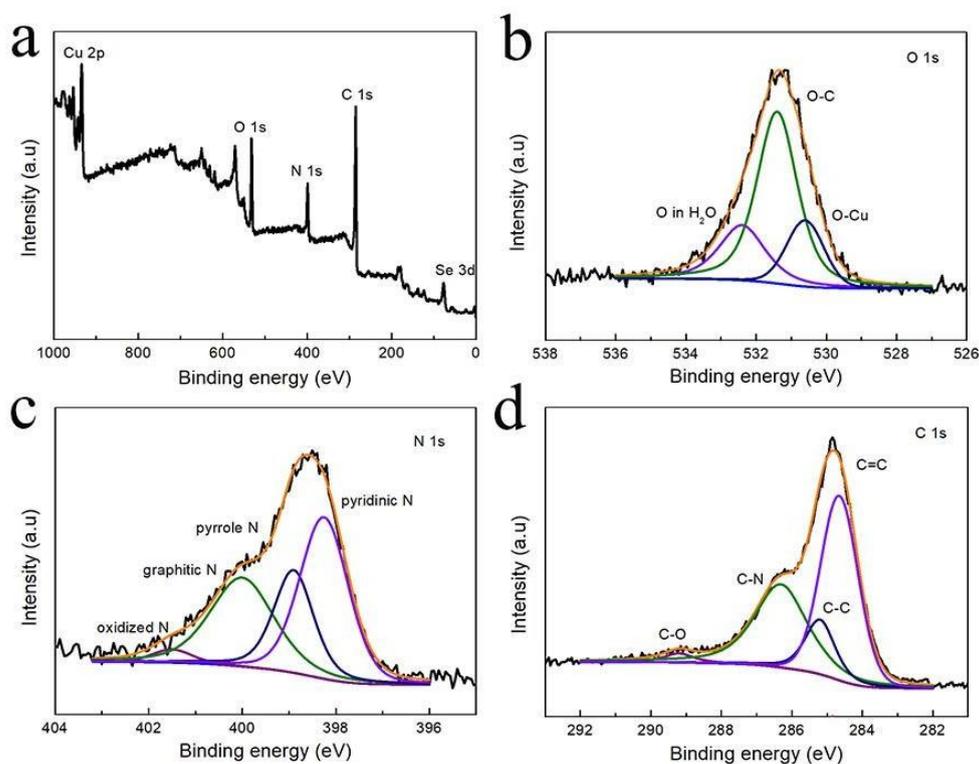


Figure S2. (a) High-resolution XPS survey spectra and corresponding (b) O 1s and (c) N 1s and (d) C 1s of the Cu₂Se-NC, respectively.

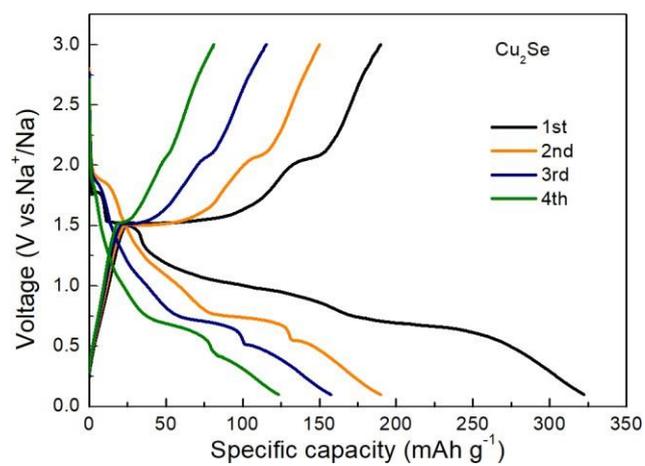


Figure S3. Charge/discharge curves of the Cu_2Se .

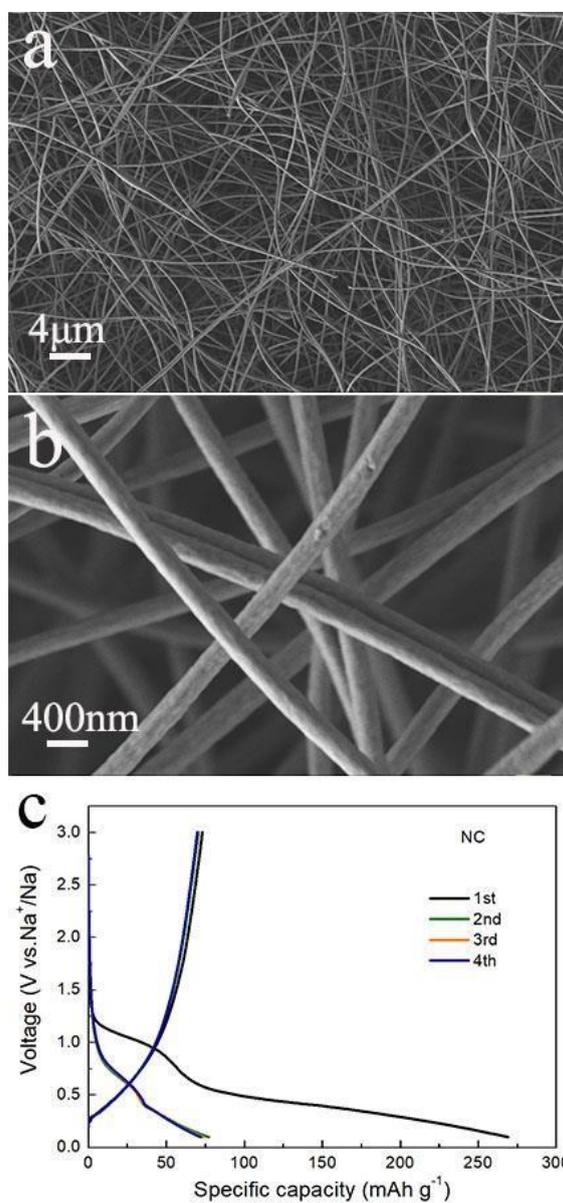


Figure S4. The SEM images and Charge/discharge curves of the NC.

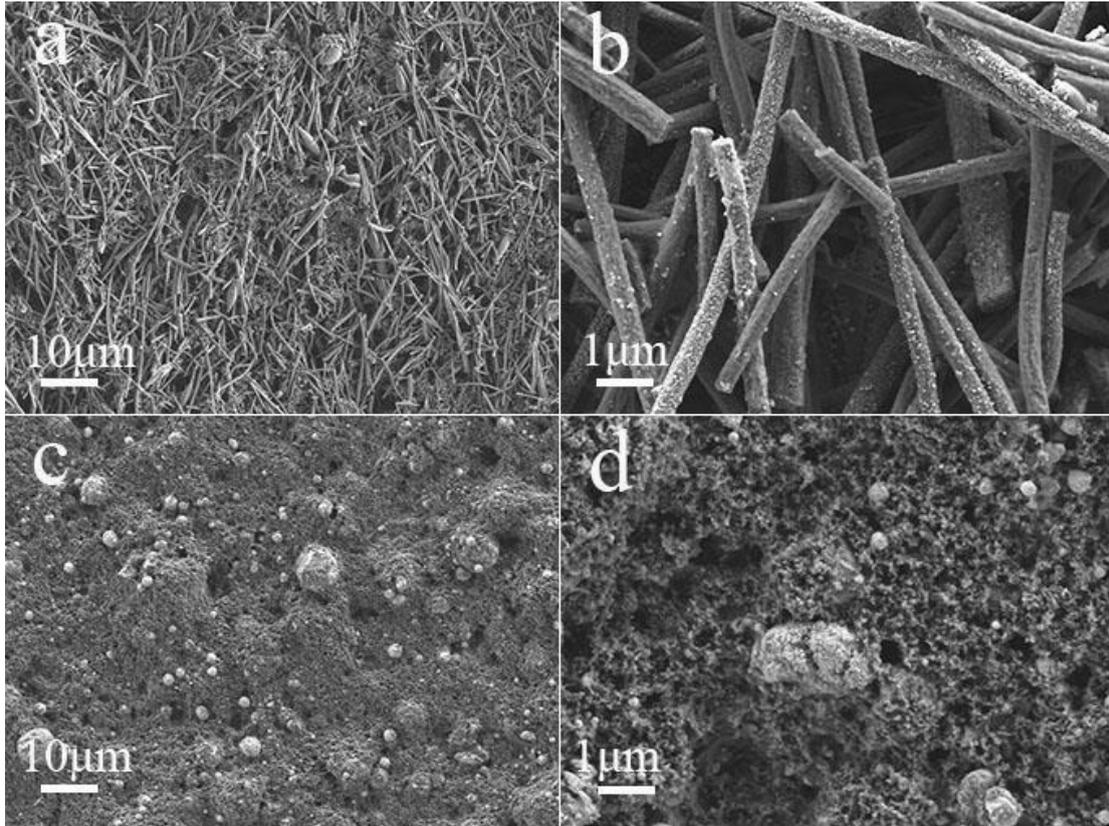


Figure S5. SEM images of (a, b) Cu₂Se-NC and (c, d) Cu₂Se electrode before cycle at a current density of 0.1 A g⁻¹.

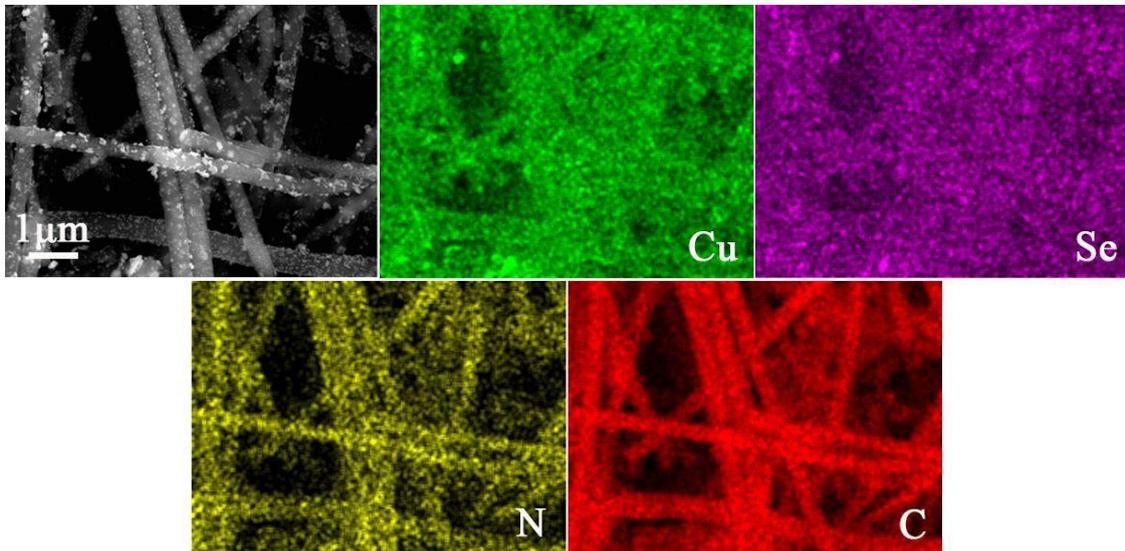


Figure S6. SEM image and corresponding elemental mappings of the cycled Cu₂Se-NC.

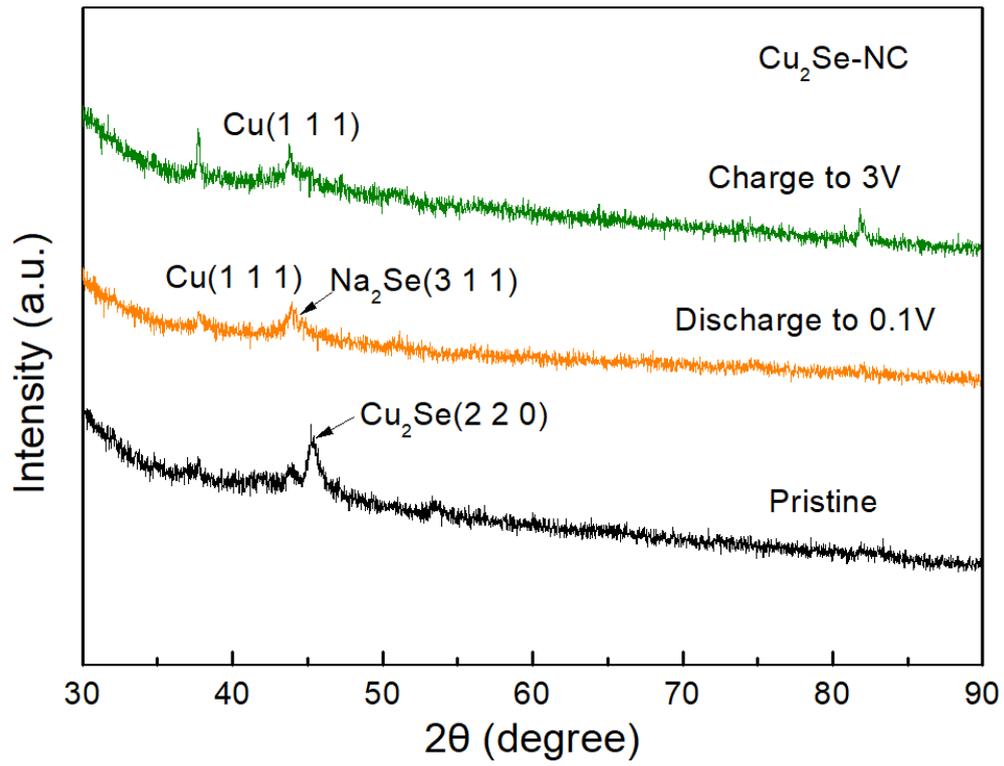


Figure S7. Ex situ XRD patterns of the $\text{Cu}_2\text{Se-NC}$ anode under different state: pristine, discharge to 0.1 V, and charge to 3 V, respectively.