Supporting Information

Title: *In Situ* Formed Carbon Bonded and Encapsulated Selenium Composites for Li-Se and Na-Se Batteries

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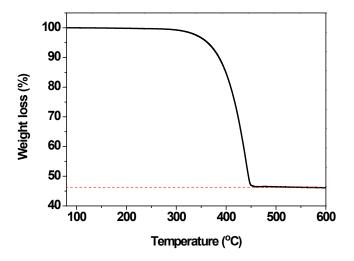


Figure S1. The TG analysis for *In Situ* Formed C/Se composites.

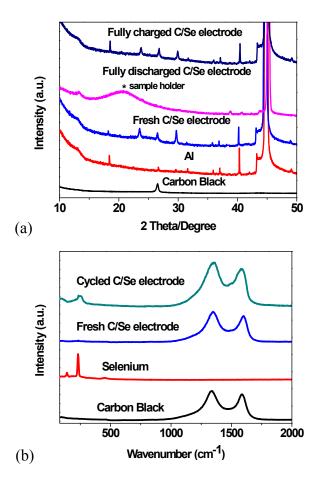


Figure S2. (a) XRD patterns for carbon black, Al foil, fresh C/Se electrode and cycled C/Se electrode; (b) Raman spectra for carbon black, selenium, fresh C/Se electrode and cycled C/Se electrode.