Supplementary Information for:

Enhanced stability of smoothly electrodeposited amorphous Fe$_2$O$_3$@electrospun carbon nanofibers as self-standing anodes for lithium ion batteries

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Figure S1 High resolution XPS spectra of the O 1s for Fe$_2$O$_3$(1)@CNFs, Fe$_2$O$_3$(5)@CNFs, and Fe$_2$O$_3$(25)@CNFs.
Figure S2 TGA curves for (a) Fe$_2$O$_3$(1)@CNFs, (b) Fe$_2$O$_3$(5)@CNFs, (c) Fe$_3$O$_4$(25)@CNFs.