Electronic Supplementary Information (ESI)

Structural influence of porous FeO_x@C nanorods on their performance as anodes of lithium-ion battery

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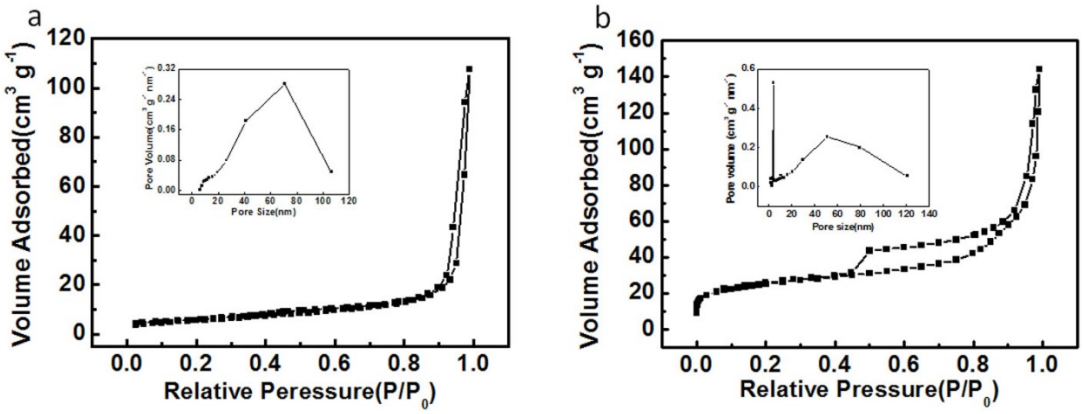

Fig. S1 Nitrogen adsorption-desoption isotherm loop and pore-size distribution curve calculated from the desorption branch by the BJH model: (a) FeO_x-HY@C; (b) FeO_x-AN@C.

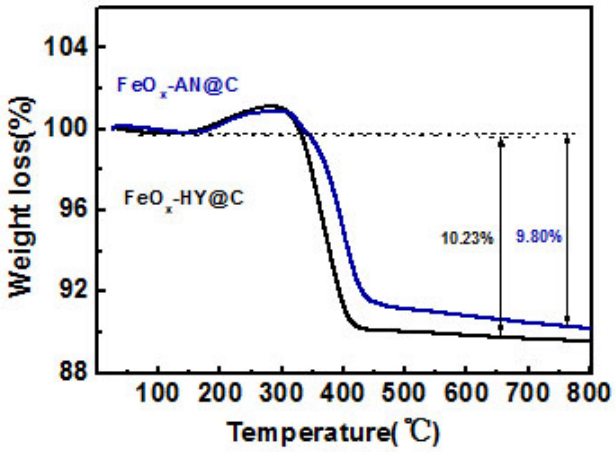

Fig. S2 Thermogravimetric analysis(TGA) curves of FeO_x-AN@C and FeO_x-HY@C.

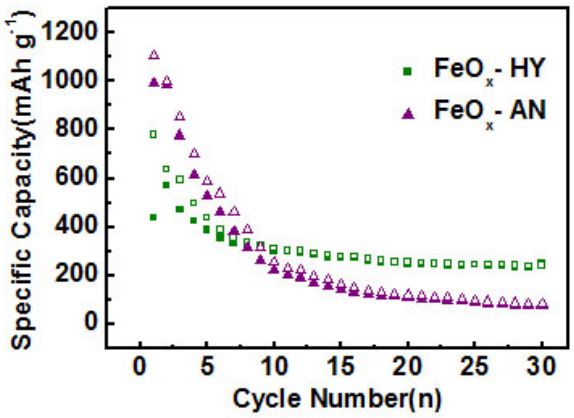

Fig. S3 Discharge capacities versus cycle number of FeO_x-HY and FeO_x-AN at the current density of 100 mA g^{-1}.