Supporting information

Electrocatalytic assisted performance enhancement for Na-S battery in nitrogen-doped carbon nanospheres loaded with Fe

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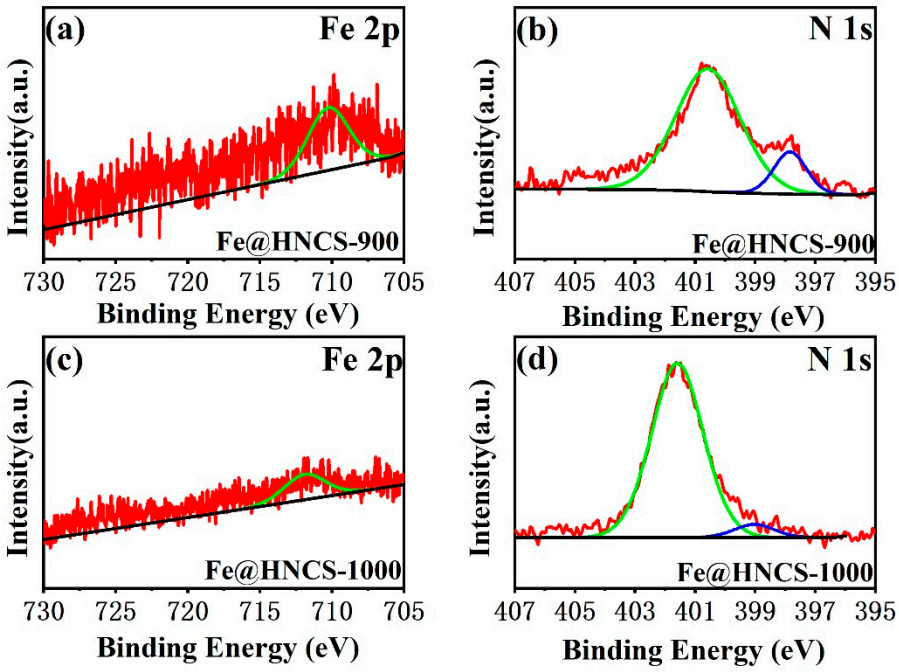

Fig. S1 High resolution XPS spectra of (a) Fe 2p, (b) N 1s for Fe@HNCS-900, (c) Fe 2p and (d) N 1s for Fe@HNCS-1000.

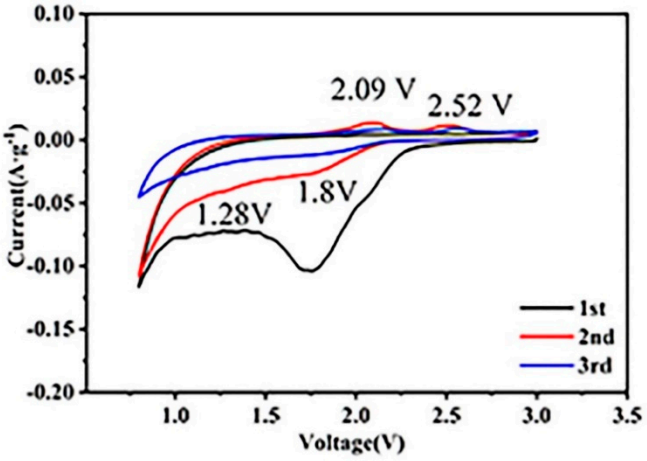

Fig. S2 CV curves of Fe@CNS-800

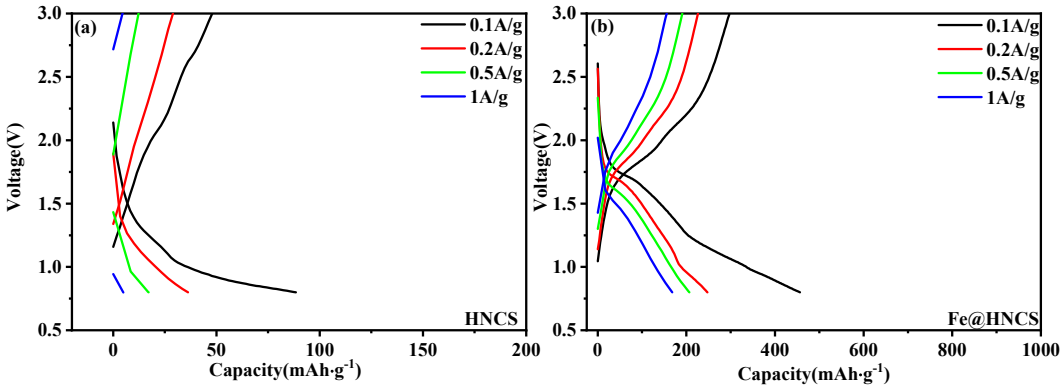

Fig. S3 GCD profiles of (a) HNCS, (b) Fe@HNCS-800 tested at different current densities

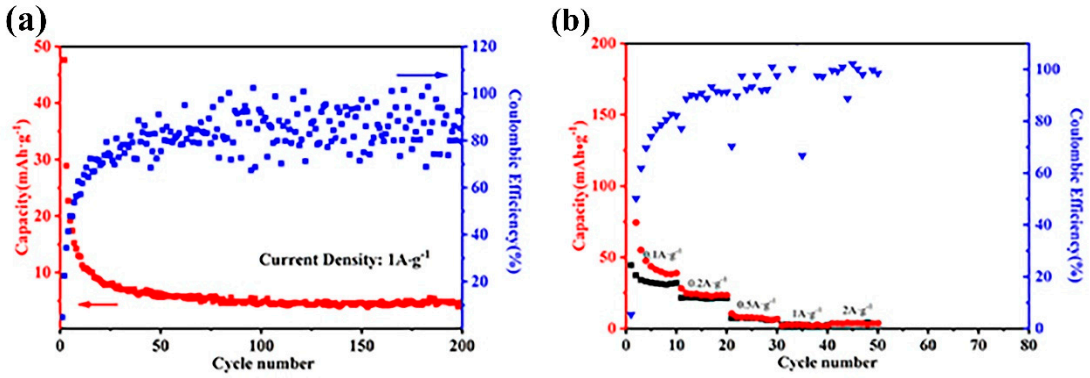

Fig. S4 (a) cyclic performance and (b) rate performance of HCNS.