Electronic Supplementary Material (ESI) for New Journal of Chemistry. This journal is © The Royal Society of Chemistry and the Centre National de la Recherche Scientifique 2019

Supporting Information

NiSe₂ nanooctahedra as anodes for high performance sodium-ion batteries

Siwei Fan,^a Guangda Li,*^a Gai Yang,^b Xu Guo^a and Xinhuan Niu^a

^a School of Materials Science and Engineering, Qilu University of Technology

(Shandong Academy of Sciences), Jinan 250353, China

^b Energy Research Institute of Shandong Academy Science, Qilu University of

Technology (Shandong Academy of Science), Jinan 250353, China



Figure S1. TEM images of NiSe₂-NP under different NaOH concentration: (a) 1 M,

(b) 2 M, (c) 4 M, (d) 6 M.



Figure S2. The TEM images of NiSe₂-NO after first tens cycles.



Figure S3. The TEM images of NiSe₂-NO after 10 cycles (a, d), 100 cycles (b, e),

500 cycles (c, f).



Figure S4. The rate capability of NiSe₂-NO and NiSe₂-NP.