

Supporting Information

NiSe₂ Nanooctahedra as an Anode Material for High-Rate and Long-Life Sodium-Ion Battery

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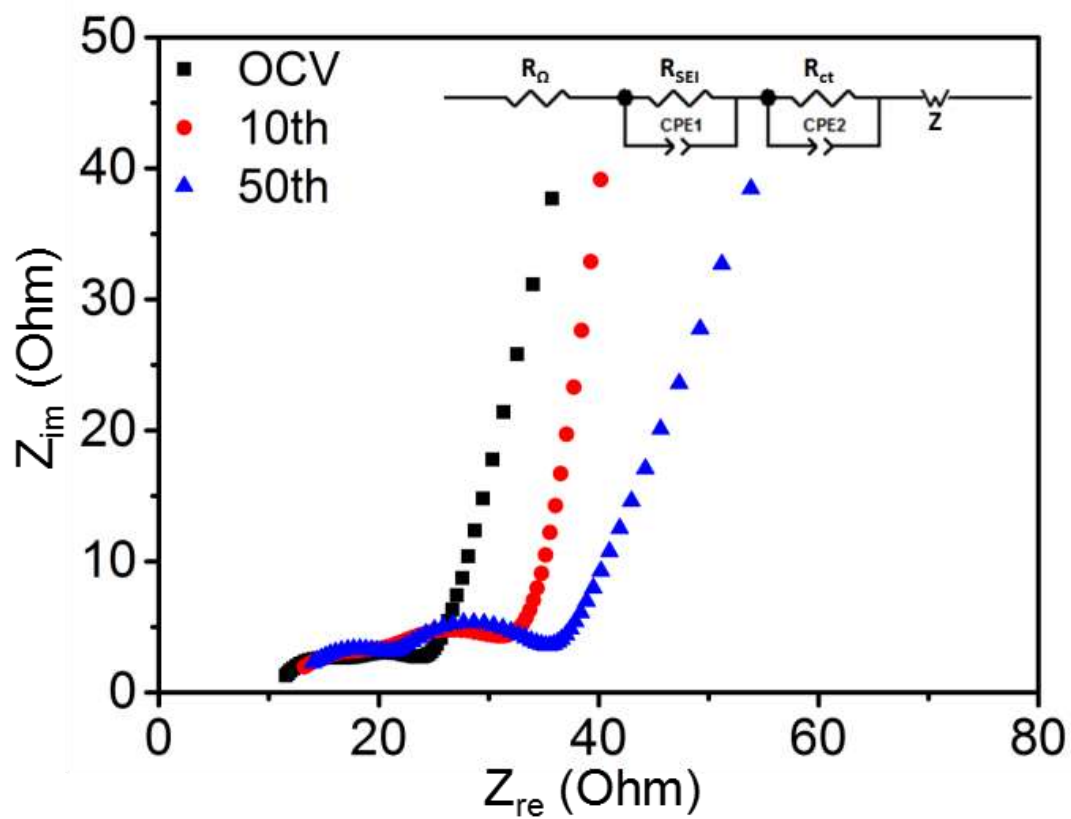


Figure S1. EIS curves of the as-prepared NiSe₂ at different cycles during the first 50 cycles.

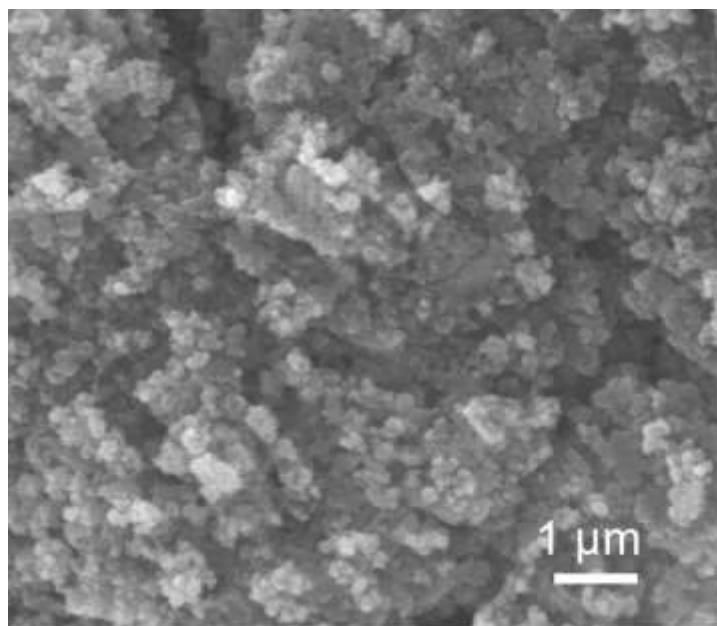


Figure S2. SEM image of the NiSe₂ electrode after 50 cycles at a current density of 1 A g⁻¹.

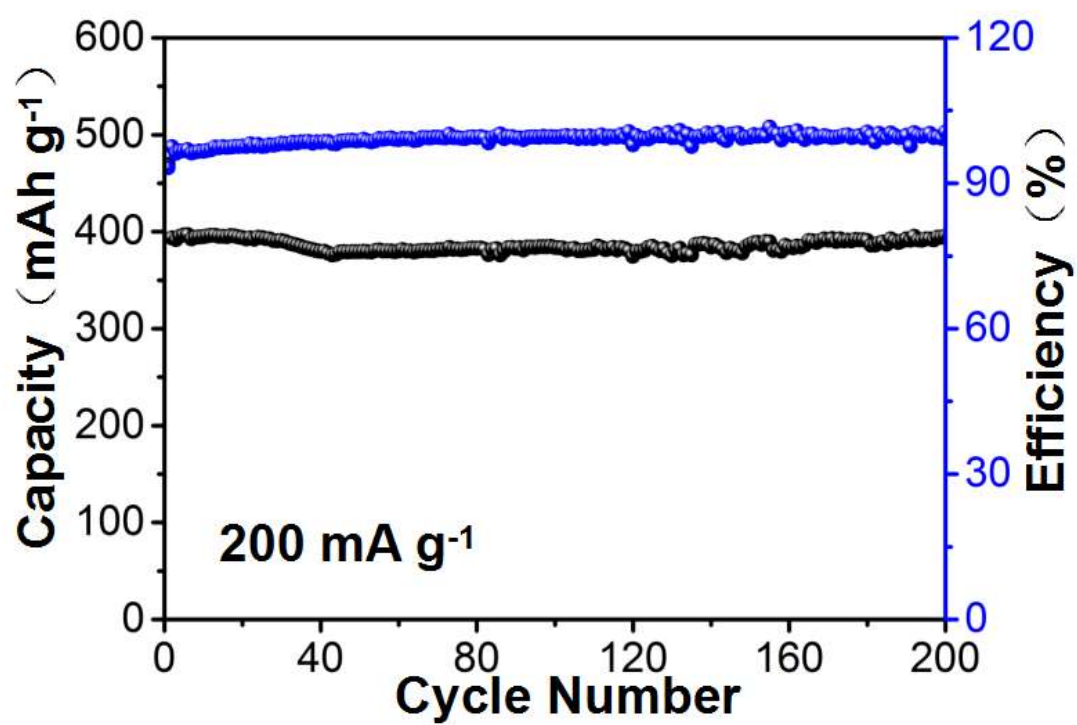


Figure S3. Cycling performance of as-prepared NiSe₂ at 200 mA g⁻¹.

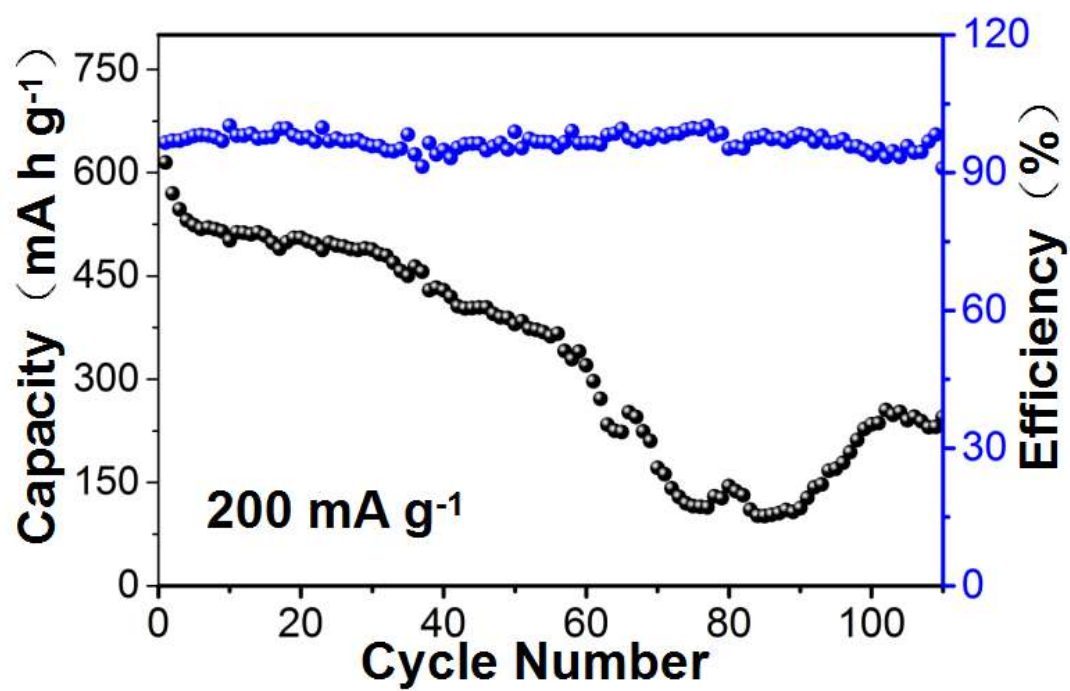


Figure S4. Cycling performance of as-prepared NiSe₂ in a range of 0.01~3 V at 200 mA g⁻¹.

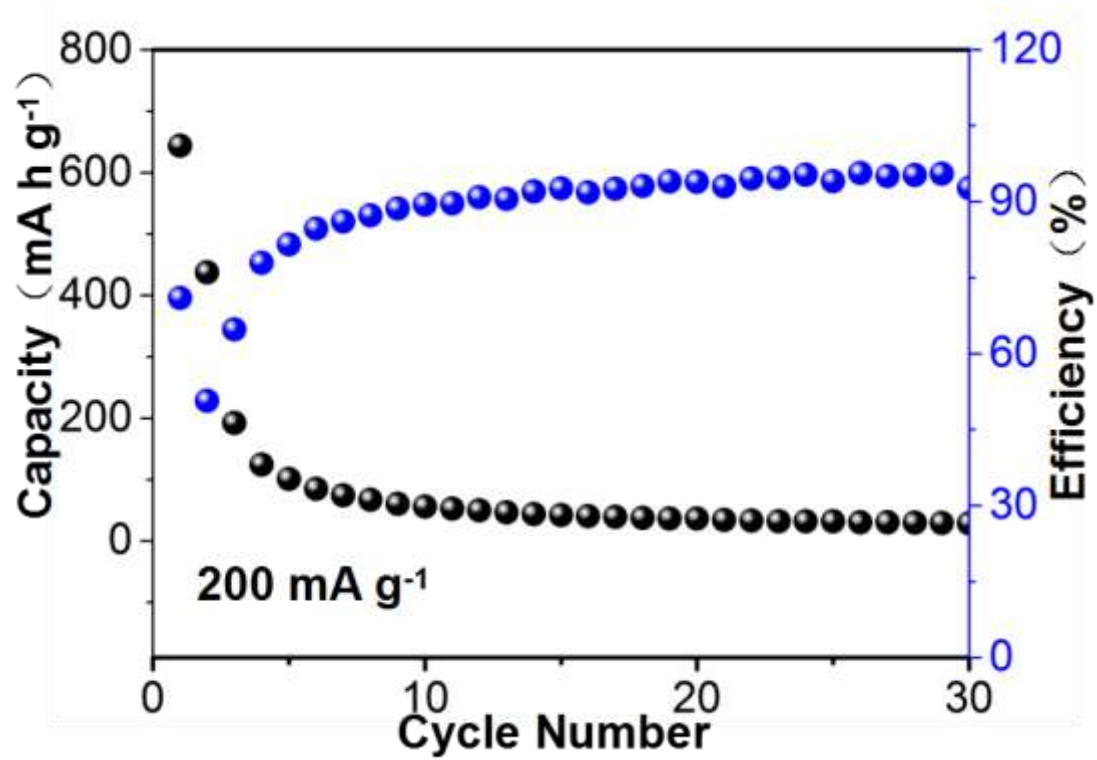


Figure S5. Cycling performance of as-prepared NiSe₂ using 1 M NaClO₄ in EC/DEC with the range of potential from 0.3 to 2.9 V.

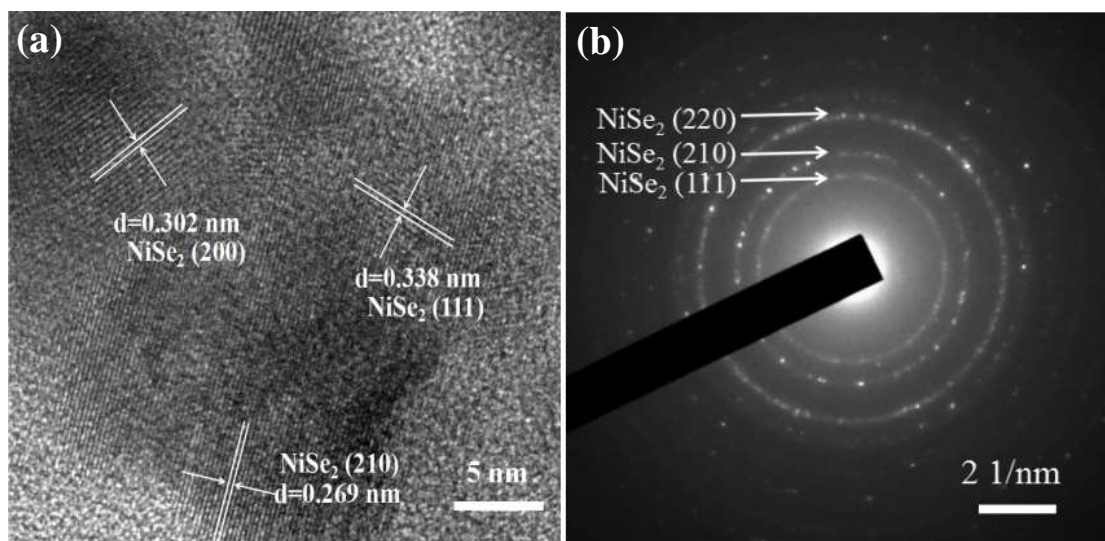


Figure S6. (a) SAED pattern and (b) HRTRM image of the NiSe_2 electrode at initial charged to 2.9 V.