Supporting Information

Interface construction of CuCoSe@NiS based on the ultrathin nanosheet towards high-performance supercapacitors

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S1: EDS result

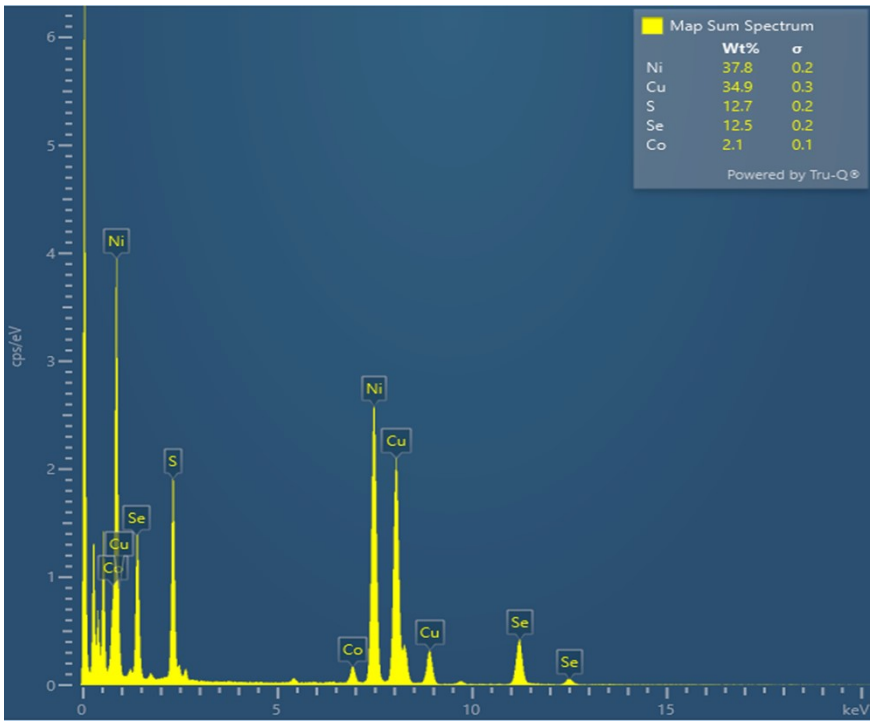

Fig. S1. EDS image of CuCoSe@NiS/NF (the inserted table is the element content).

S2: Electrochemical properties of CuCoSe/NF and NiS/NF

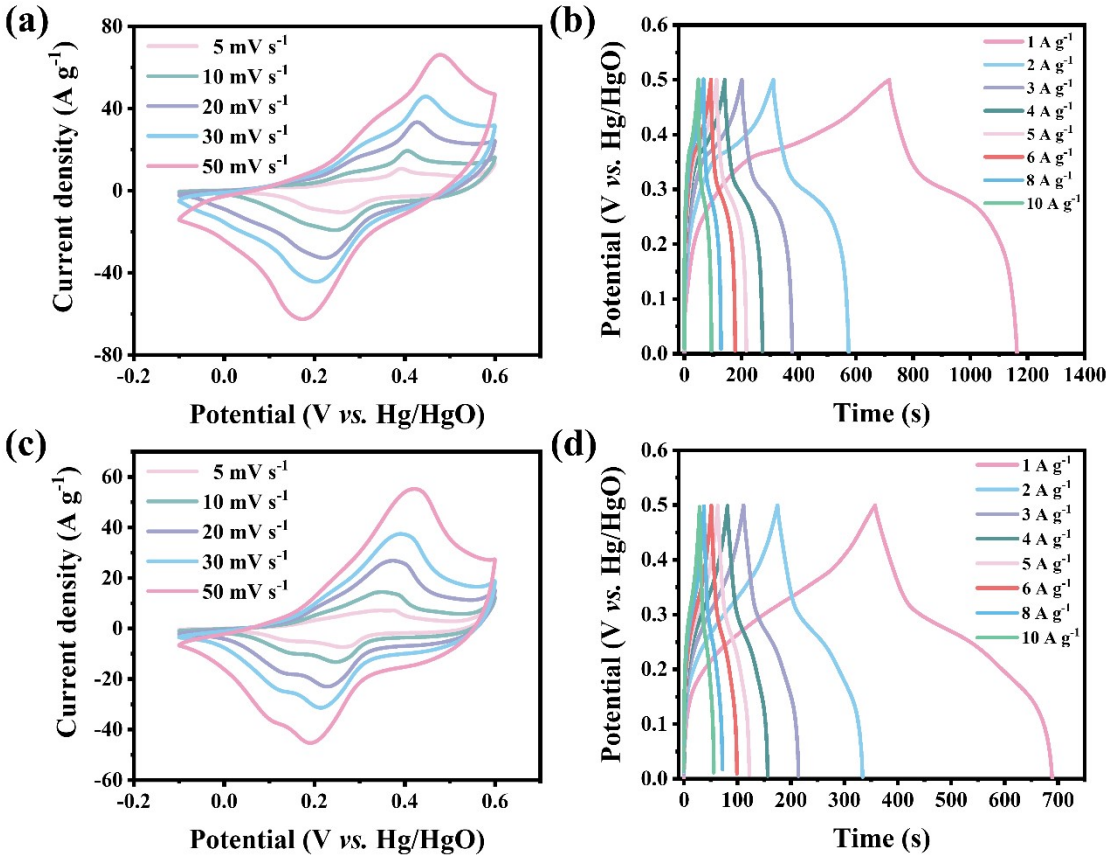

Fig. S2. (a) CV curves of CuCoSe/NF. (b) GCD curves of CuCoSe/NF. (c) CV curves of NiS/NF. (d) GCD curves of NiS/NF.

S3: Equivalent circuit fitting

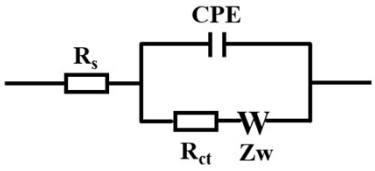

Fig. S3. Fitted equivalent circuit diagram.

Table S1 The related parameters of the equivalent circuit diagram of the EIS curves of NiS/NF, CuCoSe/NF, CuCoSe@NiS/NF

Resistance	NiS/NF	CuCoSe/NF	CuCoSe@NiS/NF
R_s (Ω)	0.61	0.62	0.60
R_{ct} (Ω)	2.4	1.72	1.1

S4: Cycle stability test of CuCoSe/NF and NiS/NF

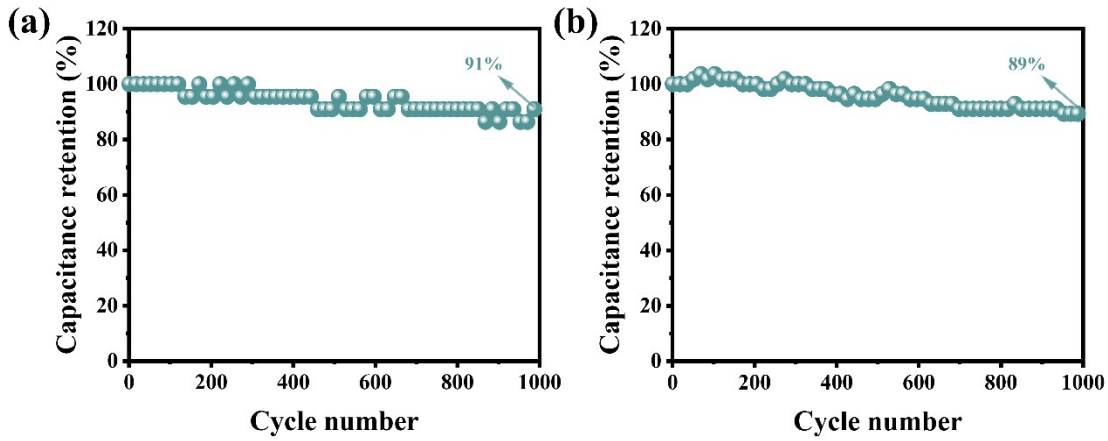

Fig. S4. (a) Cycling performance of CuCoSe/NF at 15 A g^{-1}. (b) Cycling performance of NiS/NF at 15 A g^{-1}.

S5: SEM images of CuCoSe@NiS/NF

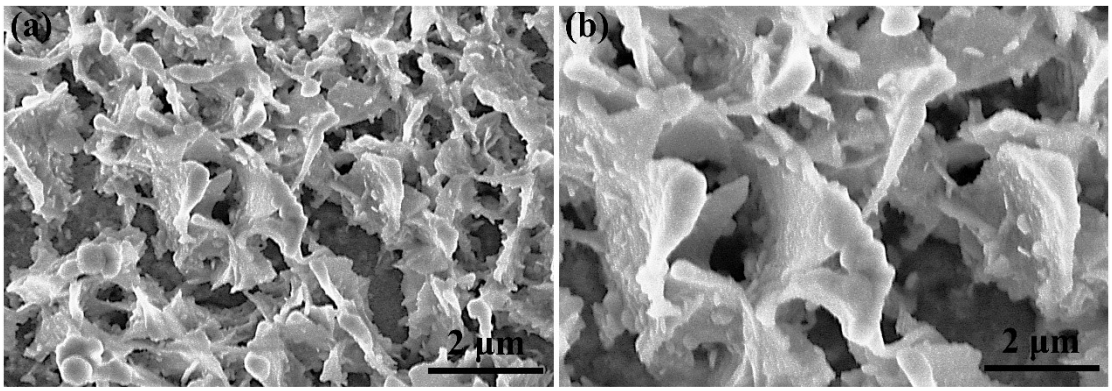

Fig. S5. (a-b) SEM images of CuCoSe@NiS/NF after cycle stability test.

S6: Electrochemical performance of AC.

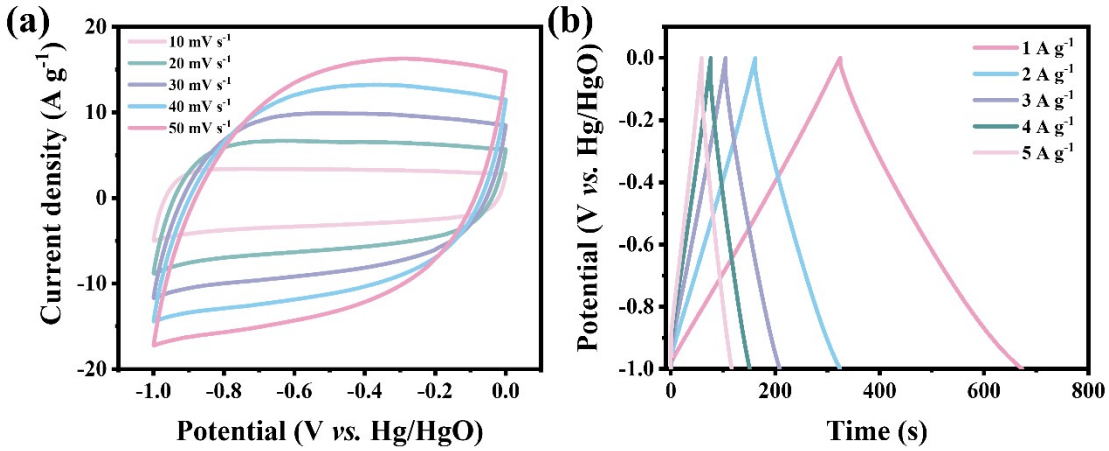

Fig. S6. (a) CV curves of AC. (b) GCD curves of AC.