

Supporting information

Flexible hybrid capacitors based on NiMoS@NiCo-LDH composites at variable work conditions

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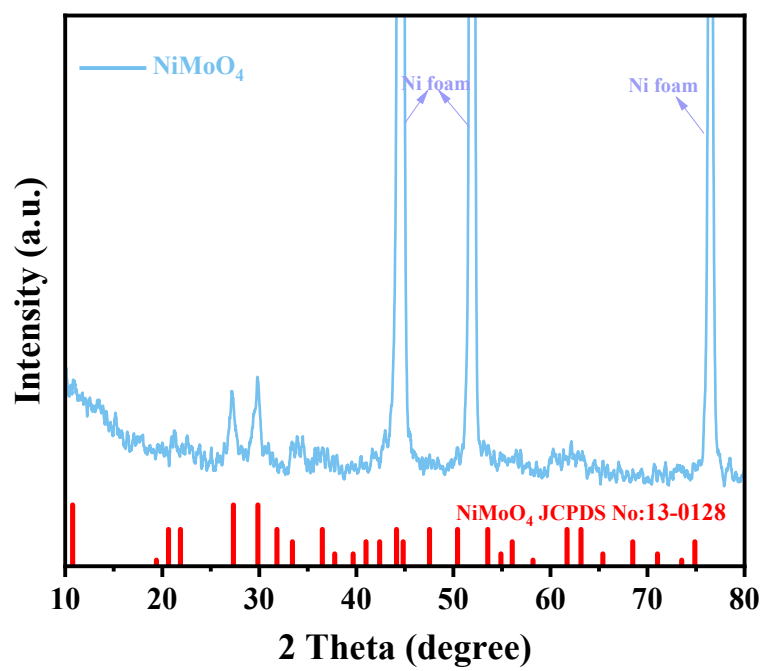


Fig. S1 XRD patterns of NiMoO_4 sample

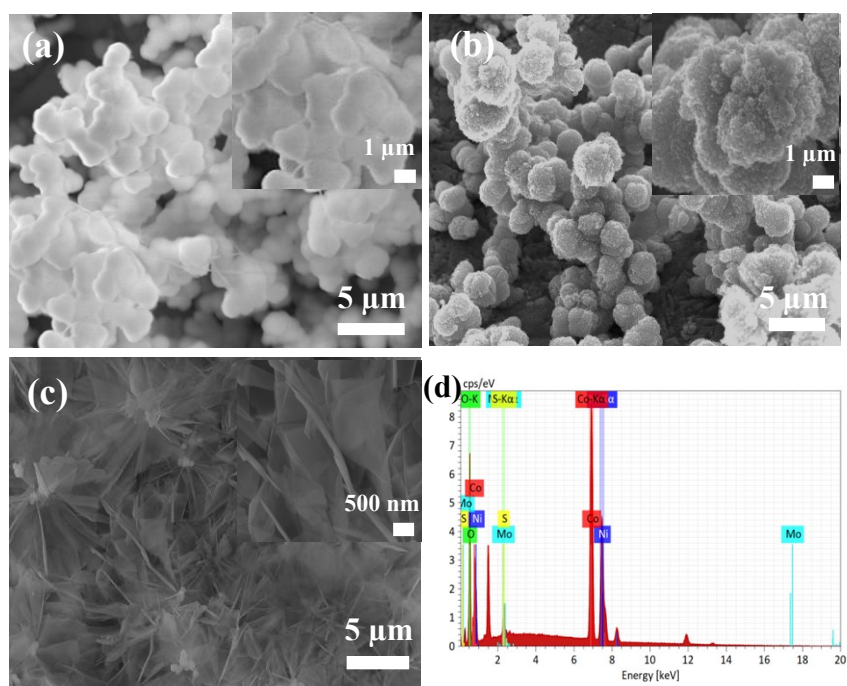


Fig. S2 Morphology characterization of the as-prepared samples (a) NiMoO₄ (b) NiMoS (c) NiCo-LDH (d) EDX mapping

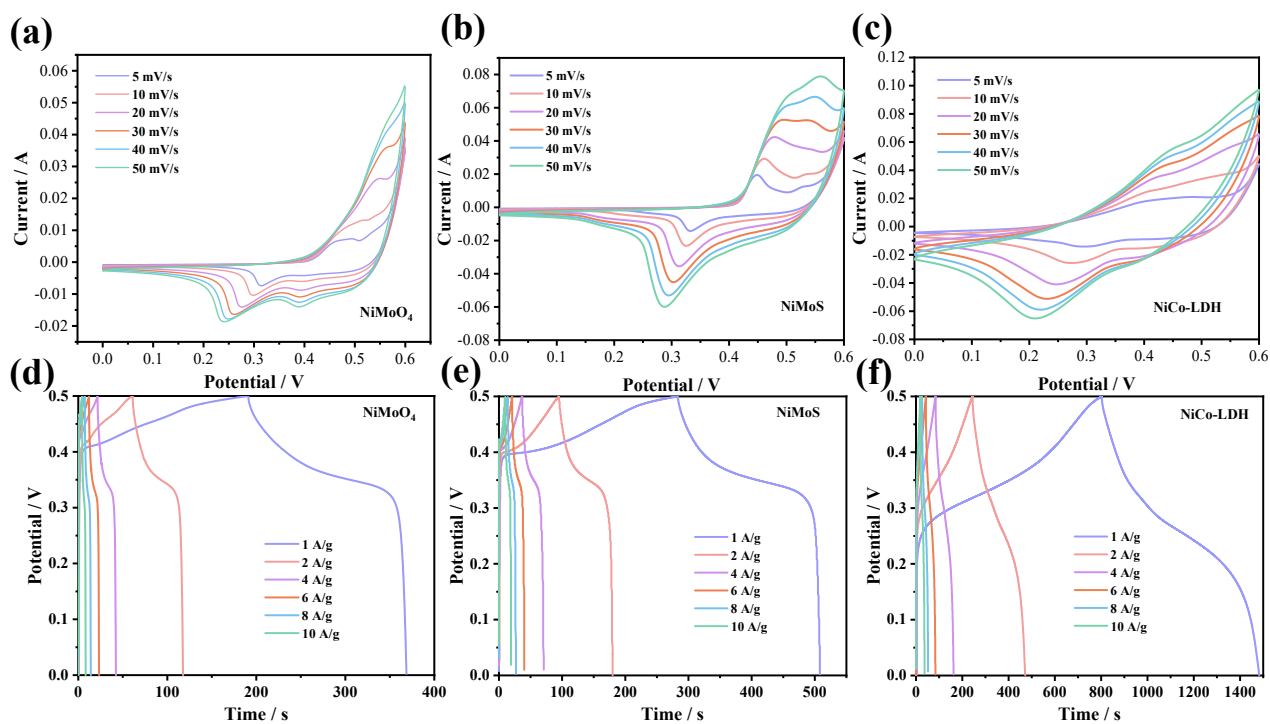


Fig. S3 Electrochemical performance of the electrode materials (a) CV curves of NiMoO₄ (b) CV curves of NiMoS (c) CV curves of NiCo-LDH (d) GCD curves of NiMoO₄ (e) GCD curves of NiMoS (f) GCD curves of NiCo-LDH

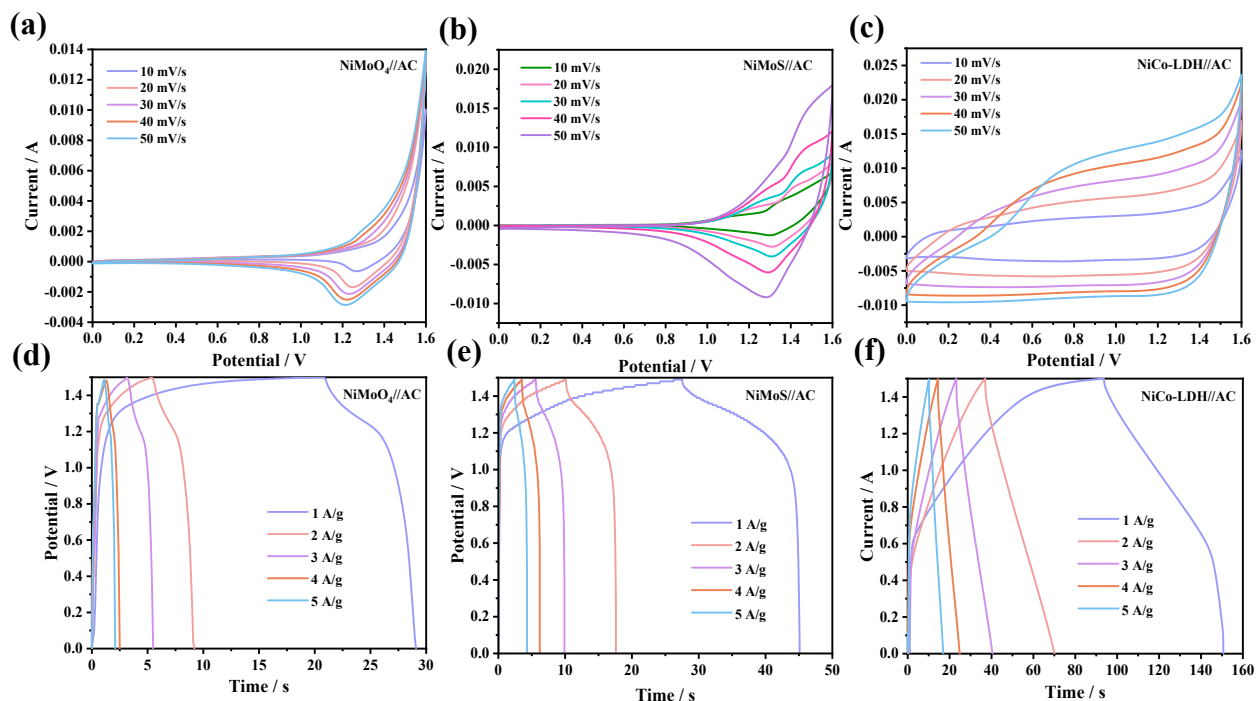


Fig. S4 Electrochemical performance of the asymmetric device (a) CV curves of NiMoO₄//AC (b) CV curves of NiMoS//AC (c) CV curves of NiCo-LDH//AC (d) GCD curves of NiMoO₄//AC (e) GCD curves of NiMoS//AC (f) GCD curves of NiCo-LDH//AC

Table S1 Electrochemical performances of NiMoS/NiCo-LDH electrode materials

Materials	Morphology	Capacitance (C g ⁻¹)	Electrolyte	Current density
NiMoO ₄	microspheres	177	3 mol/L KOH	1 A/g
NiMoS	microspheres	227	3 mol/L KOH	1 A/g
NiCo-LDH	nanosheets	687	3 mol/L KOH	1 A/g
NiMoS/NiCo-LDH	microspheres/nanosheets	1462	3 mol/L KOH	1 A/g