

Supporting Information

Room-Temperature Synthesis of Carbon-Nanotube-Interconnected Amorphous NiFe-Layered Double Hydroxides for Boosting Oxygen Evolution Reaction

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XPS fitting data

The fitted peak data of XPS of NiFe-LDH@CNT are summarized in Table S1.

Table S1. The fitted peak data of XPS of NiFe-LDH@CNT

Elements	Peak (BE) eV	Peak (BE) eV	Peak (BE) eV	Peak (BE) eV	Peak (BE) eV	Peak (BE) eV	Peak (BE) eV
Ni 2p	854.99	856.40	860.80	863.46	872.52	874.68	879.03
Fe 2p	704.67	711.46	717.25	724.63	731.88		
C 1s	284.00	285.17	287.29				

CV curves for calculating C_{dl}

The C_{dl} data can be calculated from the CV curves. The CV curves of Ni-LDH, Fe-LDH, NiFe-LDH, and NiFe-LDH@CNT are shown in Figure S1.

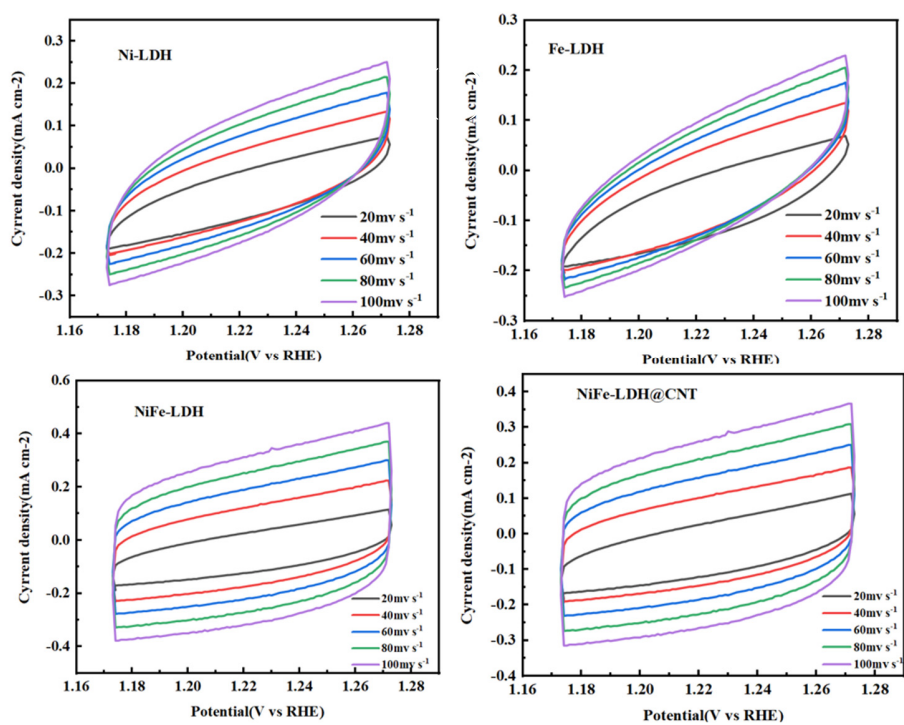


Figure S1. Voltammograms of Ni-LDH, Fe-LDH, NiFe-LDH, and NiFe-LDH@CNT for OER in alkaline electrolyte.