

Supporting Information

Three-Dimensional Carbon Coated and High Mass-Loaded NiO@Ni foam Anode with High Specific Capacity for Lithium Ion Battery

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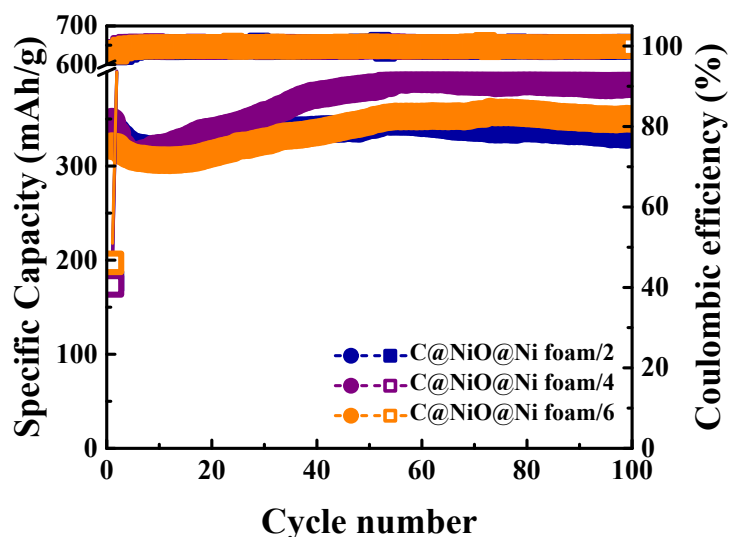


Figure S1. Cycle performance of C@NiO@Ni foam/2, C@NiO@Ni foam/4, and C@NiO@Ni foam/6 at a current density of 1C.

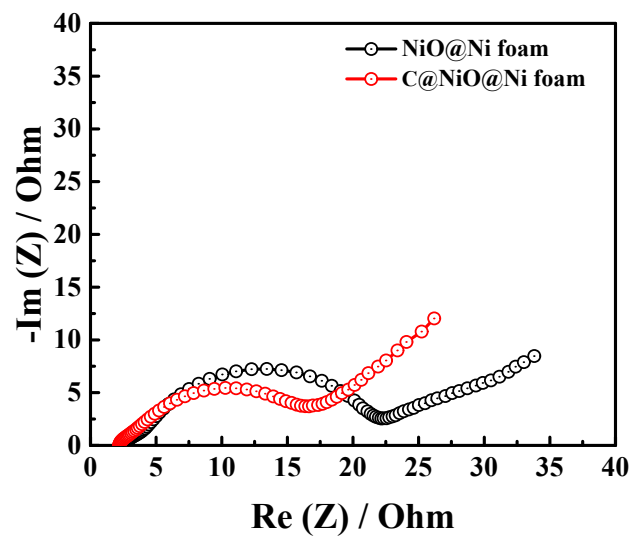


Figure S2. Nyquist plots of the NiO@Ni foam and C@NiO@Ni foam measured after 5th cycle.

Table S1. Fitting results of the Nyquist plots of the NiO@Ni foam and C@NiO@Ni foam.

	<i>5th cycle</i>		
	R_s, Ω	R_f, Ω	R_{ct}, Ω
<i>NiO@Ni foam</i>	2.74	4.23	14.98
<i>C@NiO@Ni foam</i>	2.16	4.09	11.12