Supporting Information

Electrospun porous CuCo$_2$O$_4$ nanowire networks electrode for asymmetric supercapacitor

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The mass ratio of positive to negative electrodes was evaluated through using the following equation to maintain a charge balance $Q^+ = Q^-$ in order to fabricate the device

$$\frac{m^+}{m^-} = \frac{C^+E^+}{C^-E^-}$$

In which $Q$, $m$, $C$, $E$ are the charge, mass, specific capacitance, and potential windows, respectively. Accordingly, the optimal positive to negative mass ratio was determined to be 0.65 for this asymmetric capacitor.

Figure S1. The cycling performance of CuCo$_2$O$_4$ network electrode at a current density of 1 mA/cm$^2$. 
Figure S2. Impedance Nyquist plots of the CuCo$_2$O$_4$ network electrode before and after 1500 cycles at open circuit potential.

Figure S3. The first and last seven cycles.