

## Supporting Information:

### Advanced aqueous sodium-ion capacitors based on $\text{Ni}_{0.25}\text{Mn}_{0.75}\text{O}$ nanoparticles encapsulated in electrospinning carbon nanofibers

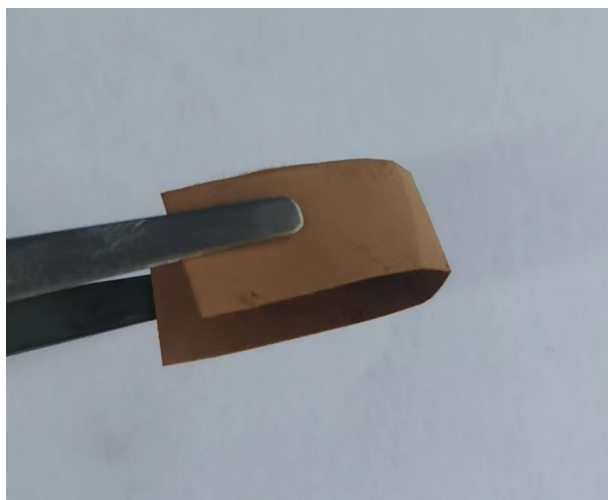
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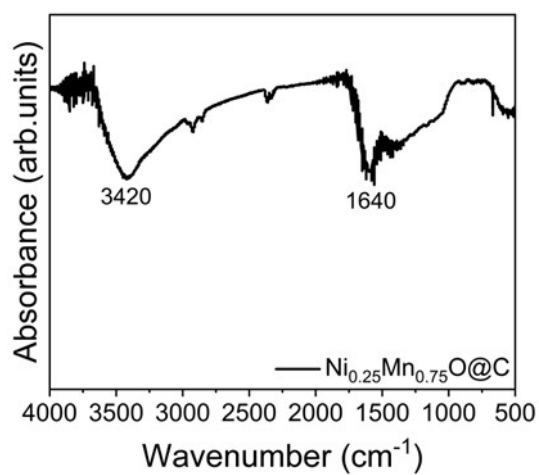
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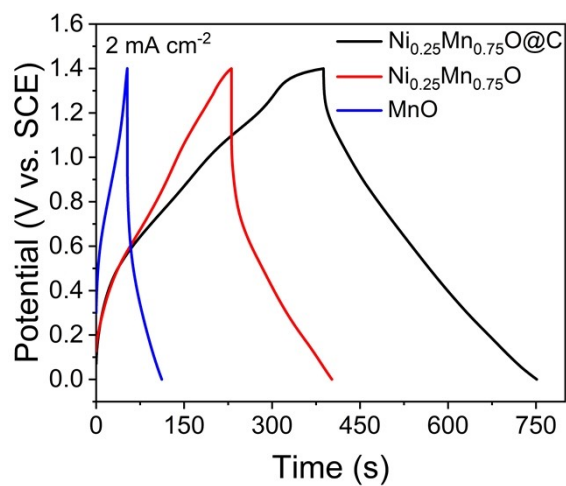
\* Corresponding author



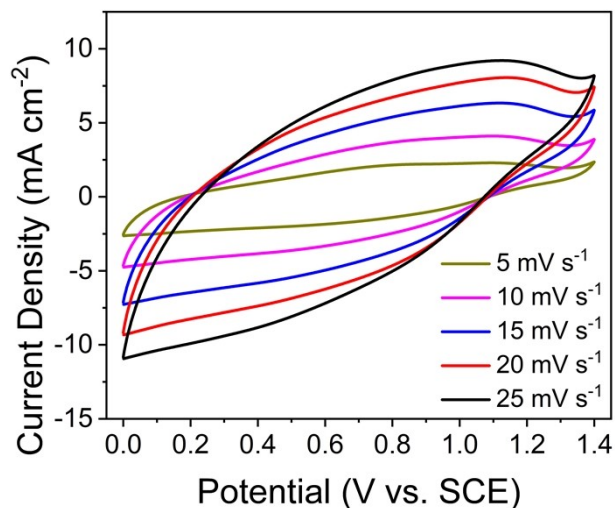
**Fig. S1** Photograph of pre-oxidized film.



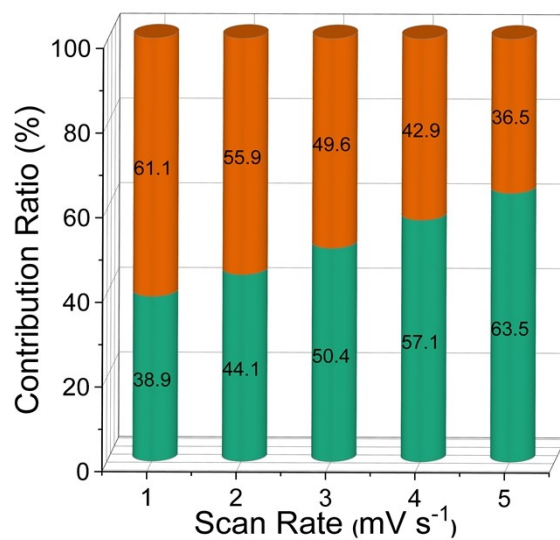
**Fig. S2** FTIR spectrum of NMO@C nanofibers film.



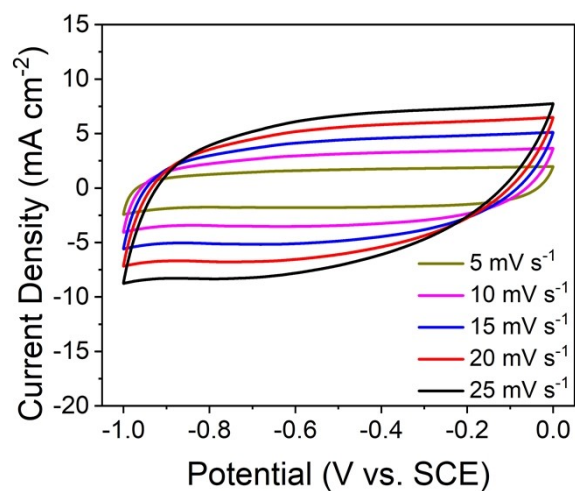
**Fig. S3** GCD curves of NMO@C nanofibers film, NMO array and MnO array electrodes.



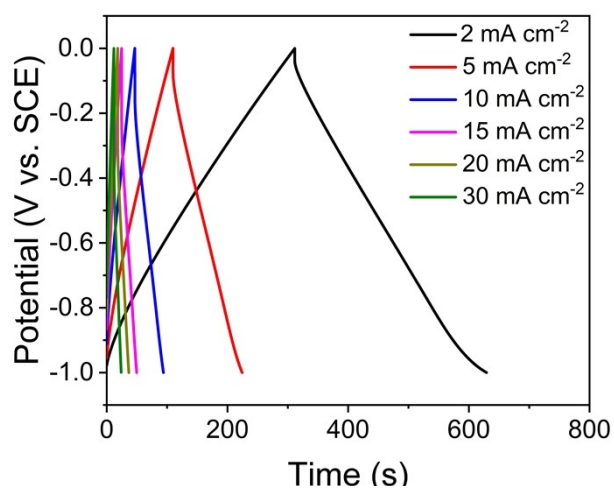
**Fig. S4** CV curves of the NMO@C nanofibers film electrode.



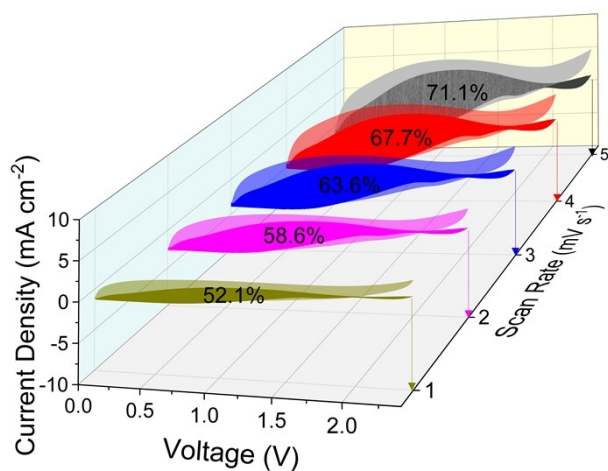
**Fig. S5** Capacitive contribution (green) to charge storage for NMO@C nanofibers film electrode.



**Fig. S6** CV curves of AC electrode.



**Fig. S7** GCD curves of AC electrode.



**Fig. S8** Capacitive contribution to charge storage for the device.



**Fig. S9** The thickness measurement of the full-cell device by using vernier caliper.