## **Supplementary Information**

## Carbon nanofibers-supported B<sub>2</sub>O<sub>3</sub>-SnO<sub>x</sub> glasses as anode

## materials for high-performance lithium-ion batteries

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Fig. 18. Thermogravimetric analysis (TGA) curve of all the samples.



Fig.2S. Electrochemical impedance spectroscopy (EIS) for both  $0B_2O_3$ -SnO<sub>x</sub>/CNFs and 1.5B<sub>2</sub>O<sub>3</sub>-SnO<sub>x</sub>/CNFs electrodes after the 50 charge-discharge cycles, inset is modeled equivalent circuit of EIS.