

Supporting Information

A ZnO Nanowires/PANIPAM Hybrid Energy Converter Driven by Temperature Oscillation

Quanhua Zhang[†], Ding Wang[†], Ying Xu, Pengpeng Wang, Xianying Wang*

College of Materials Science and Engineering, University of Shanghai for Science &

Technology, Shanghai, 200093, People's Republic of China.

* Corresponding author: xianyingwang@usst.edu.cn (Prof. X. Y. Wang)

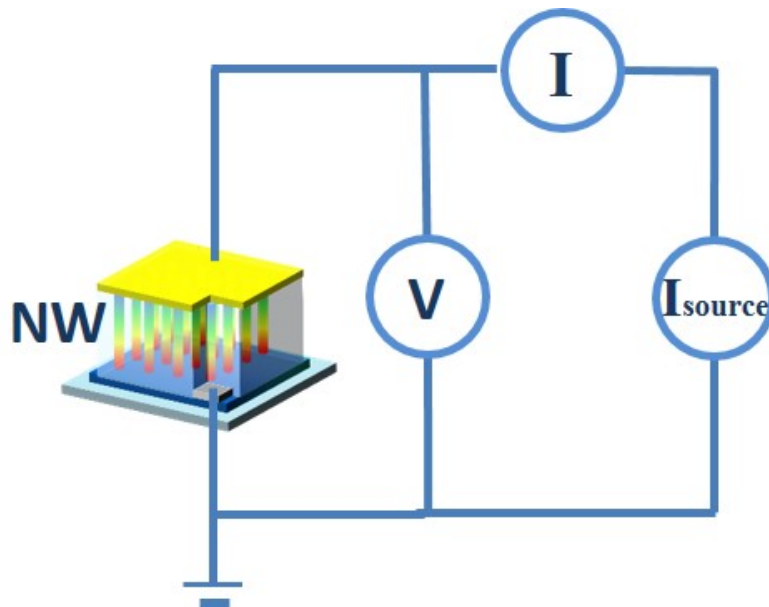


Fig. S1 The test circuit of nanoconverter.

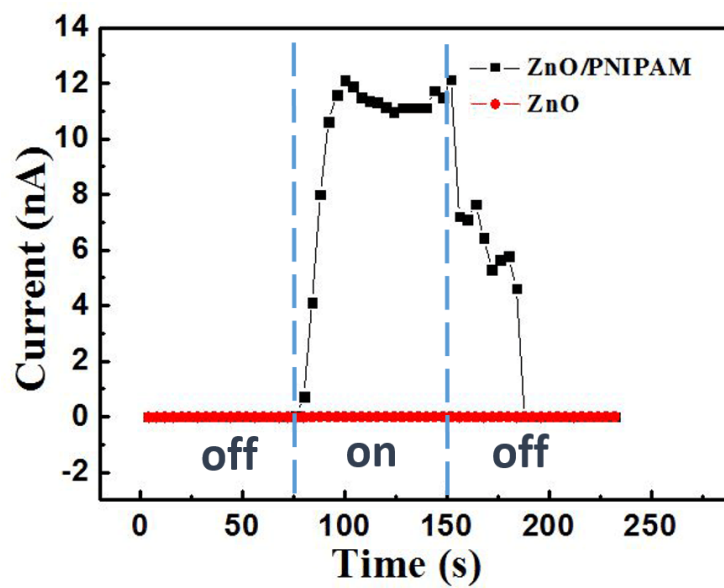


Fig. S2 Current responses of the ZnO/PNIPAM and ZnO NWs nanodevices under temperature variation from room temperature to $\sim 8.4^\circ\text{C}$.