

Supporting Information

Sulfur/Carbon Nanocomposite-filled Polyacrylonitrile Nanofibers as Long Life and High Capacity Cathode for Lithium-Sulfur Batteries

Jian Ye, Feng He, Jia Nie, Yuliang Cao, Hanxi Yang, Xinping Ai*

Hubei Key Laboratory of Electrochemical Power Sources, College of Chemistry & Molecular Science, Wuhan University, Wuhan 430072, China

*CORRESPONDING AUTHOR: E-mail: xpai@whu.edu.cn

Phone: +86 27-68754526

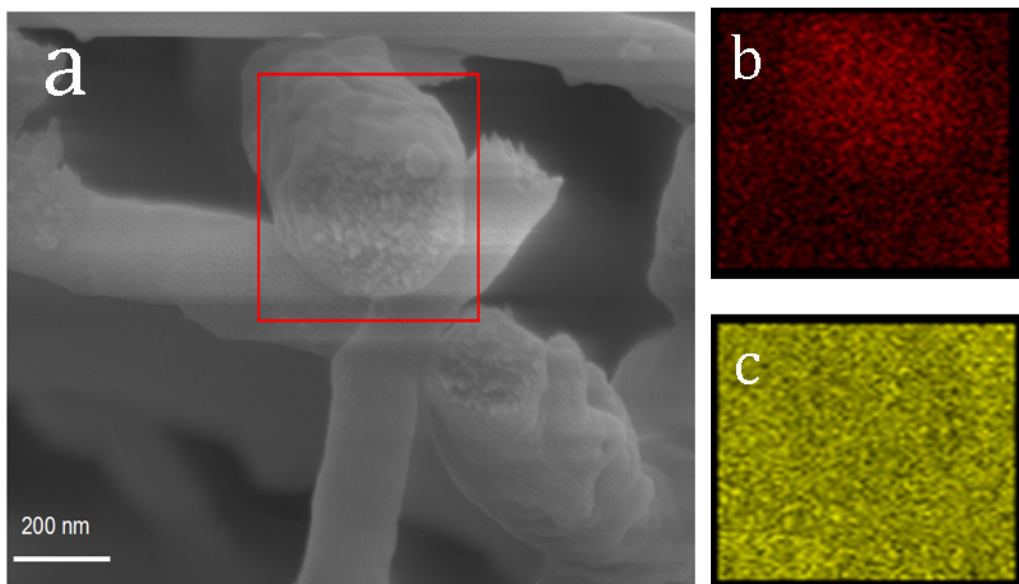


Figure S1. The cross-sectional-view SEM image (a); the corresponding elemental mapping of carbon (b) and sulfur (c) for the C/S/PAN nanofiber.

Figure S2. SEM images of the C/S/PAN nanofiber electrode after 400 cycles.