Supporting Information for

Bi₂S₃ for Aqueous Zn Ion Battery with Enhanced Cycle Stability

Ting Xiong ^{1, 2}, Yinming Wang¹, Bosi Yin^{1, 3}, Wen Shi¹, Wee Siang Vincent Lee^{1, *}, Junmin Xue^{1, *}

¹National University of Singapore, Department of Materials Science and Engineering, Singapore 117573, Singapore

²Centre for Advanced 2D Materials and Graphene Research Centre, National University of Singapore, Singapore 117546, Singapore

³MIIT Key Laboratory of Critical Materials Technology for New Energy Conversion and Storage, School of Chemistry and Chemical Engineering, Harbin Institute of Technology, No. 92 West-Da Zhi Street, Harbin 150001, People's Republic of China

*Corresponding authors. E-mail: mseleew@nus.edu.sg (Wee Siang Vincent Lee); msexuejm@nus.edu.sg (Junmin Xue)

Supplementary Figures

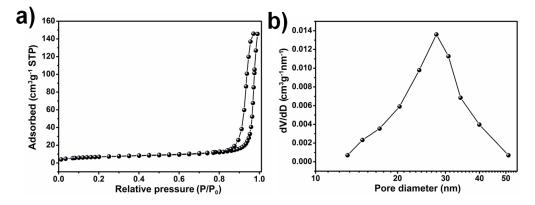


Fig. S1 a Nitrogen adsorption–desorption isotherm. b The corresponding pore size distribution plot

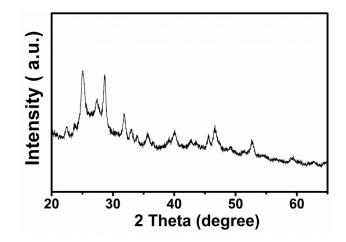


Fig. S2 XRD pattern of the cycled Bi_2S_3

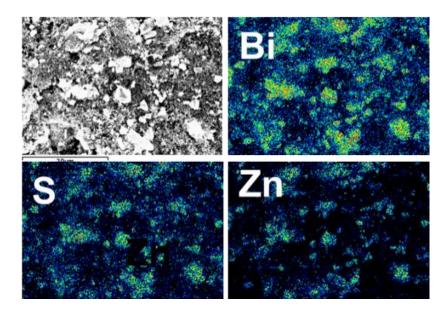


Fig. S3 SEM-EDX elemental mappings of the Bi_2S_3 electrode at the fully discharged state