Electronic Supplementary Information for

Improving the performance of PEDOT-PSS coated sulfur@activated porous graphene composite cathodes for lithium-sulfur batteries

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Fig. S1 FE-SEM image of EG with high magnification (scale bars: 50 nm).

Fig. S2 FTIR spectra of (a) S@aPG, (b) PEDOT-PSS and (c) PEDOT/S@aPG.
Fig. S3 Cycling performance and coulombic efficiency of S@EG.

Fig. S4 Cycling performance and coulombic efficiency of PEDOT/S@aPG without LiNO$_3$. 