

Electronic Supplementary Information for

# High Rate Performance SnO<sub>2</sub> based Three-dimension Graphene Composite Electrode for Lithium-ion Battery Applications

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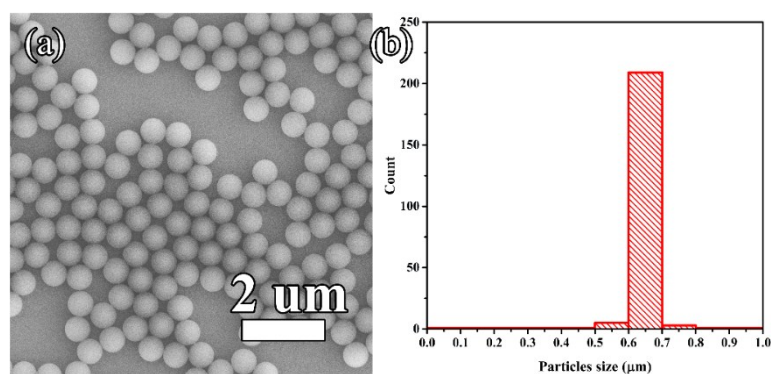


Fig.s1. the SEM image (a) and particles size of PS.

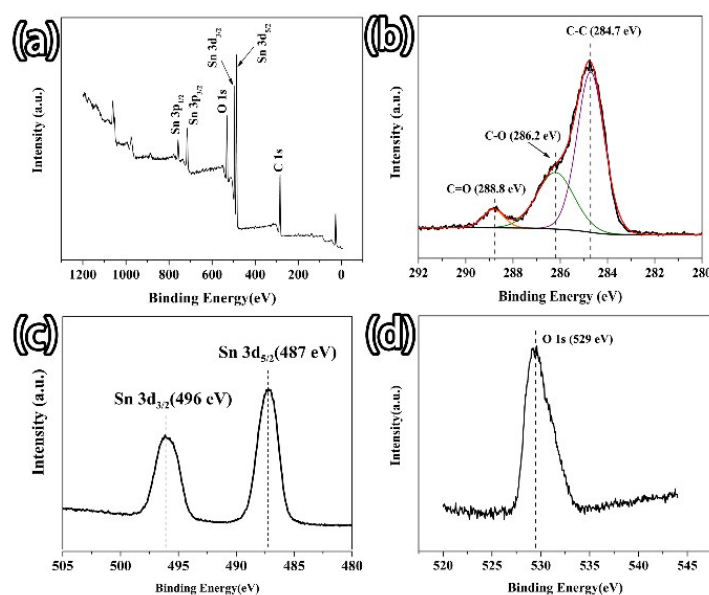


Fig.s2. XPS spectra of sample3: (a) survey; (b) C 1s; (c) Sn 3d and (d) O 1s.

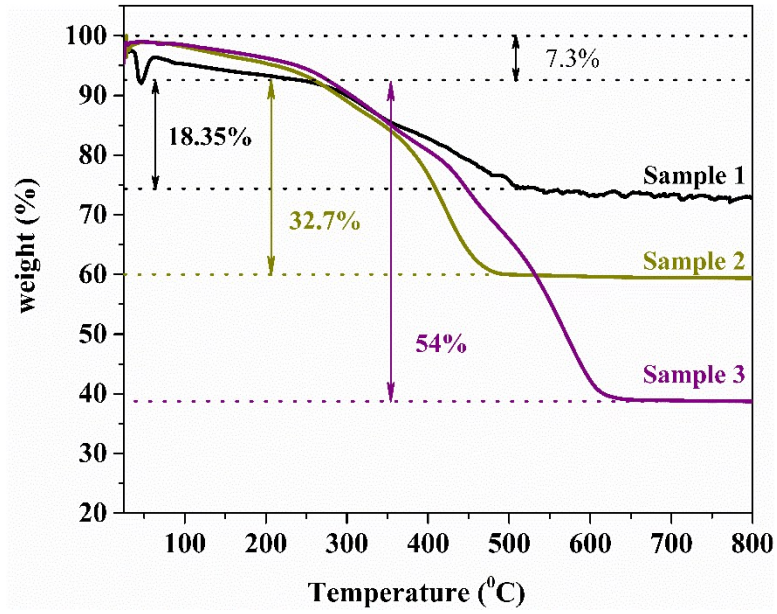


Fig.s3. Thermogravimetric analysis (TGA ) of the three samples.