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Supplementary Materials

Sand/carbon composites as low-cost lithium storage materials with superior electrochemical performance

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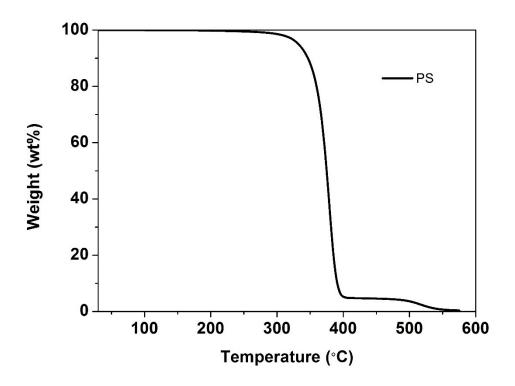


Fig. S1 TG curves of PS heated at a rate of 5 °C min⁻¹ under Ar atmosphere

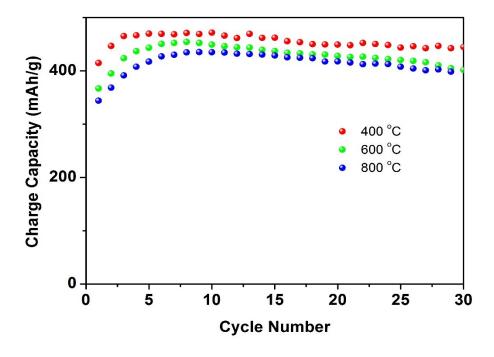


Fig. S2 Cycling performance of sand/carbon composite with 12 wt.% carbon at different temperature.

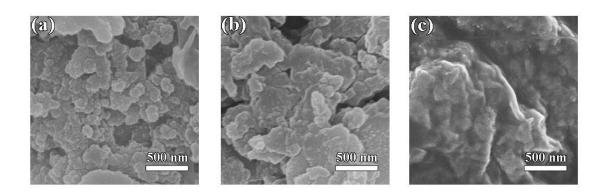


Fig. S3 SEM images of the electrodes discharged/charged 200 cycles. (a) sand/carbon composite with 2 wt.% carbon; (b) sand/carbon composite with 5.5 wt.% carbon; (c) sand/carbon composite with 12 wt.% carbon.