

Electronic Supplementary Material

Three-dimensional graphene framework with ultra-high sulfur content for a robust lithium–sulfur battery

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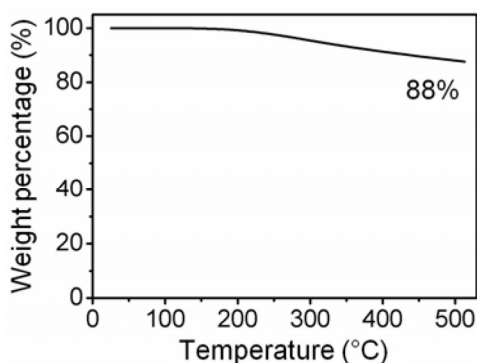


Figure S1 TGA of rGO.

Video S1 The video of the movement of melted sulfur contained within the graphene pocket.

Table S1 Comparison of the capacity of 3DG-S90 to reported results at different cycles

Capacity at cycle for 3DG-S90 (0.1 C)		Capacity at cycle reported (0.1 C)				
Cycle number	Capacity normalized by electrode (mAh·g ⁻¹)	Capacity normalized by entire electrode (mAh·g ⁻¹)				
10	824	444 [S1]	774 [S2]	724 [S3]		
20	790	483 [S4]				
50	673	591 [S5]	428 [S6]	520 [S7]	585 [S8]	531 [S9]

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