

Supporting Information

Carbonized Polyaniline Coupled Molybdenum Disulfide/Graphene Nanosheets for High Performance Lithium Ion Battery Anodes

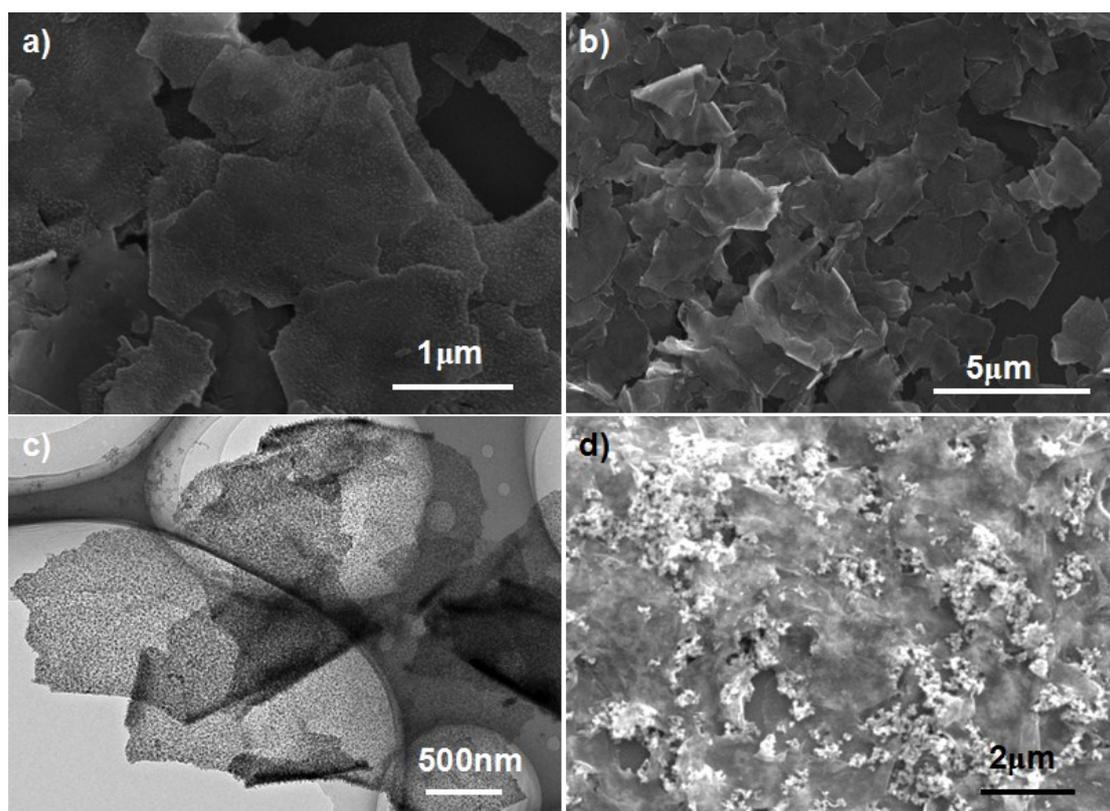


Figure S1. a,b) SEM images and c) TEM images of MoS₃-PANI-GO; d) SEM images of MoS₃-GO.

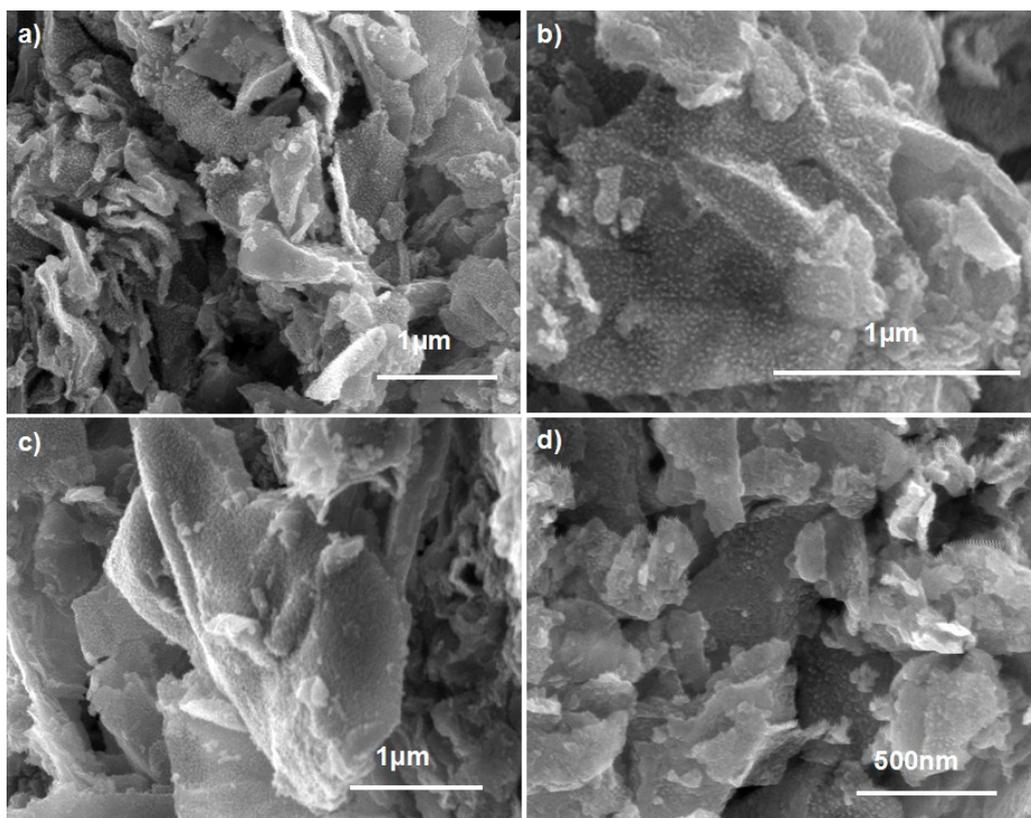


Figure S2. SEM images of a,b) MCG-600, c) MCG-400, and d) MCG-800.

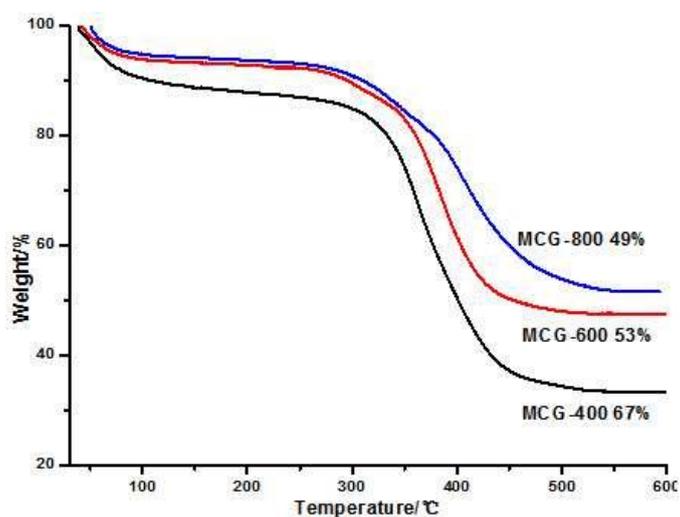


Figure S3. TGA curves of MCGs. According to the loss of weight, the weight contents of graphene and carbon in the MCG-400, MCG-600 and MCG-800 are around 67, 53 and 49 %, respectively.

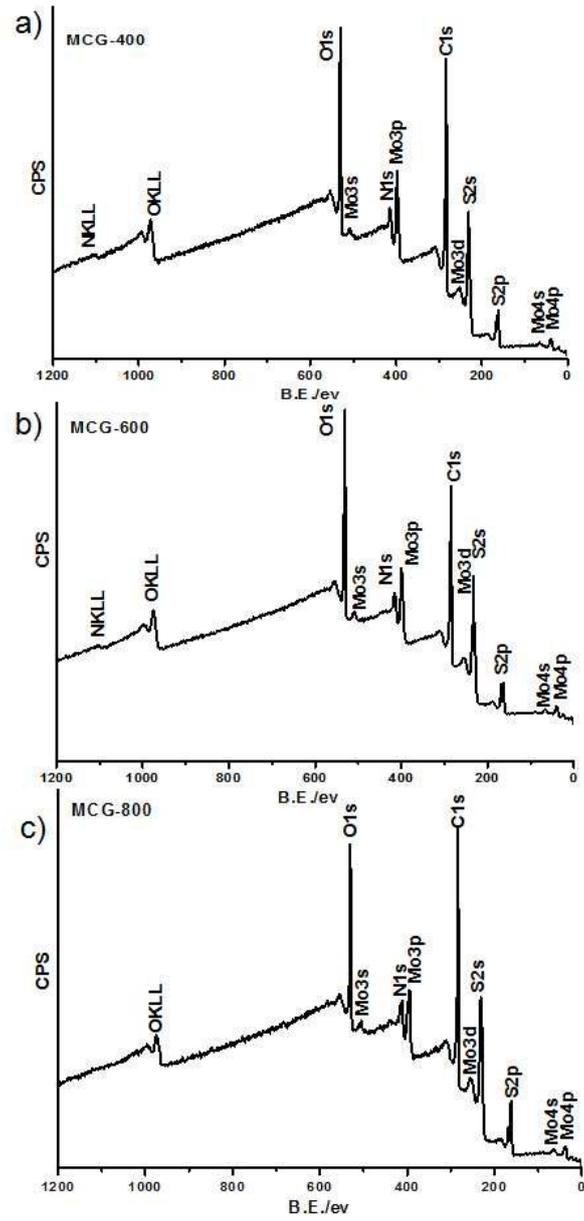


Figure S4. XPS patterns of a) MCG-400, b) MCG-600 and c) MCG-800.

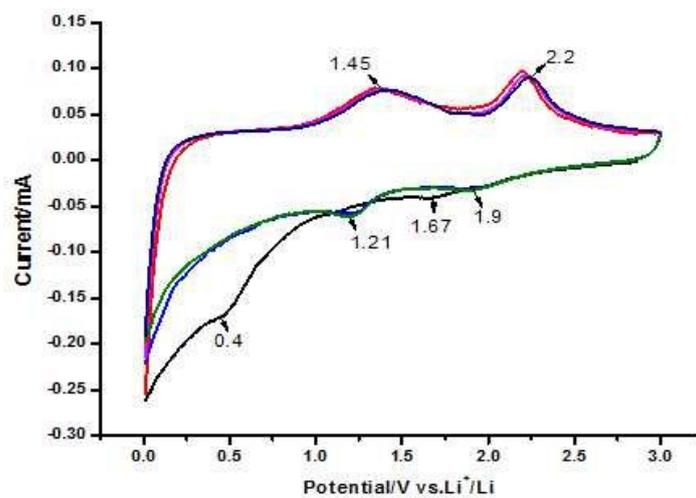


Figure S5. The first three cycles of the CV curves from MCG-600 (measured in the voltage range of 0.001- 3 V at a scanning rate of 0.001 mV s⁻¹).