Electronic Supplementary Information

A morphology controllable synthesis of 3D graphene nanostructures and their energy storage applications

Jie Zhao, ^{a, c} Wei-Hua Li, *, ^a Hui-Zhong Xu, ^b Li-Shui Sun, ^bChao-Qin Li, ^b and Fa-

Qian Liu *, b

^aInstitute of Oceanology, Chinese Academy of Science, Qingdao 266071, China.

^b Engineering Research Center of High Performance Polymer and Molding

Technology, Qingdao University of Science and Technology, Qingdao 266042,

China.

^c University of Chinese Academy of Science, Beijing, 100049, China.



Fig. S1 Low-magnified SEM image of the hollow nanobeads SG film.



Fig. S2 High-magnified TEM image of the hollow nanobeads SG.





Fig. S3 The High resolution transmission electron microscopy(HRTEM)

images of the SG film of the hollow nanobeads.



Fig.S4 SEM image of the macro-porous SG prepared by controlling the

PH

under

2.



Fig.S5 SEM image of the hollow nanobeads SG prepared by elevating

the PH to 6.



Fig. S6 The photograph of the major parts of the supercapacitor.

Table S1. Impedance parameters of macro-porous SG electro	de
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and hollow nanobeads electrode.			
Sample	$R_{ m ct}(\Omega)$	$R_{\Omega}(\Omega)$	
Macro-porous SG	63.4	5.78	
Nanobeads SG	85.79	5.86	