Electronic Supplementary Information

One-step strategy to three-dimensional graphene/VO$_2$ nanobelt composite hydrogels for high performance supercapacitors

Huanwen Wang, Huan Yi, Xiao Chen, Xuefeng Wang*

Department of Chemistry, Key Laboratory of Yangtze River Water Environment, Ministry of Education, Tongji University, Shanghai 200092, China

Corresponding author, Email address: xfwang@tongji.edu.cn
**Fig. S1** (a,b) FESEM and (c,d)TEM images of VO$_2$ nanobelts.
Fig. S2 XRD patterns of commercial V$_2$O$_5$ powders and hydrothermally treated V$_2$O$_5$. 
Fig. S3 FESEM images of (a, b) commercial V$_2$O$_5$ powders and (c, d) hydrothermally treated V$_2$O$_5$
Fig. S4 Electrochemical characteristics of VO$_2$ graphene mixture: (a) CV curves at various scan rates. (b) Galvanostatic discharge curves at various current densities. (c) Specific capacitance at different current densities.