

Supporting Information for

C@KCu₇S₄ Microstructure for Solid-state Supercapitors

Shuge Dai, Yi Xi,* Chenguo Hu, Baoshan Hu,* Xule Yue, Lu Cheng and Guo Wang

Content:

The contents of Supporting Information include the following:

- (1) Electrochemical characterization of C@KCu₇S₄ hybrid supercapacitors.
- (2) The screen of three supercapacitor units to light a light-emitting diode (LED).

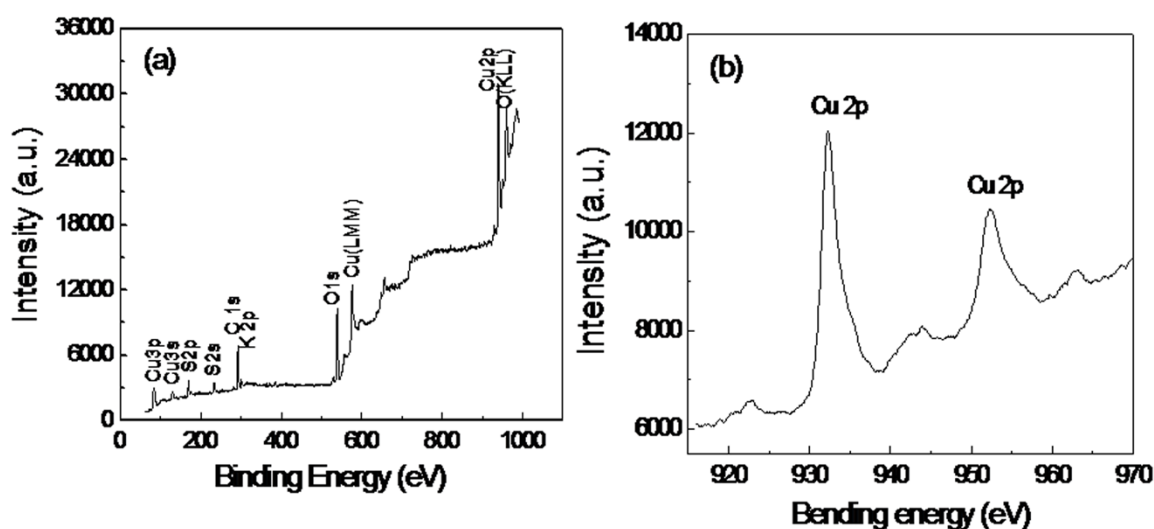


Fig. S1 (a) XPS spectrum of the KCu₇S₄ microwires level. (b) XPS spectrum of Cu 2p for KCu₇S₄ microwires level.

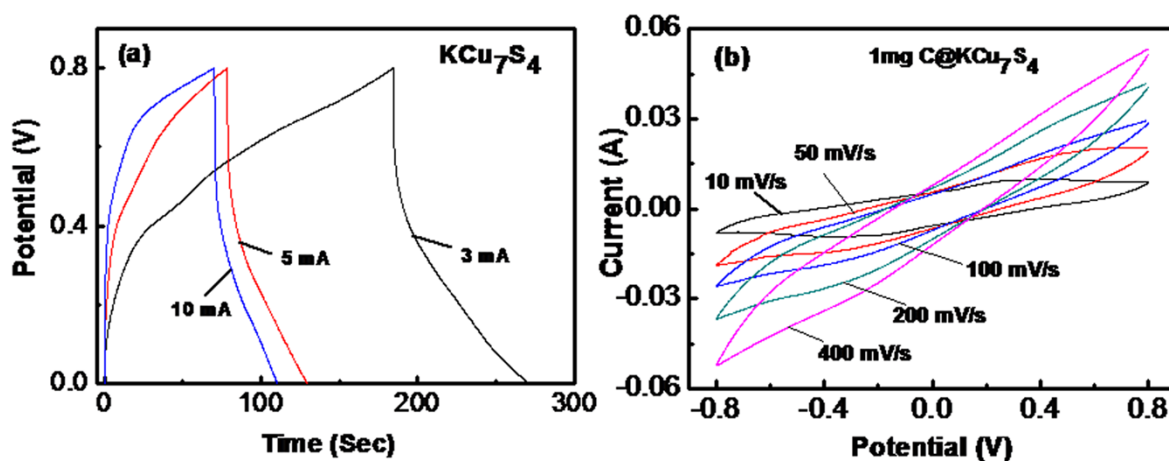


Fig. S2 (a) Galvanostatic charging-discharging curves for KCu₇S₄ microwires supercapacitor at the different current (the effective area of each electrode is about 1.2 cm²). (b) CV curves of C@KCu₇S₄ hybrid supercapacitors at various scan rates.

Fig. S3 The screen of three supercapacitor units (2 mg C@KCu₇S₄ hybrid supercapacitors) in series to light one light-emitting diode (LED)

