Supporting Information

High-mass loading hierarchically porous activated carbon electrode for pouch-type supercapacitors with propylene carbonate-based electrolyte

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Figure S1. Digital photograph of the pouch-type symmetric device (5 cells), electrode area: 3.5 cm* 7 cm (W*L).

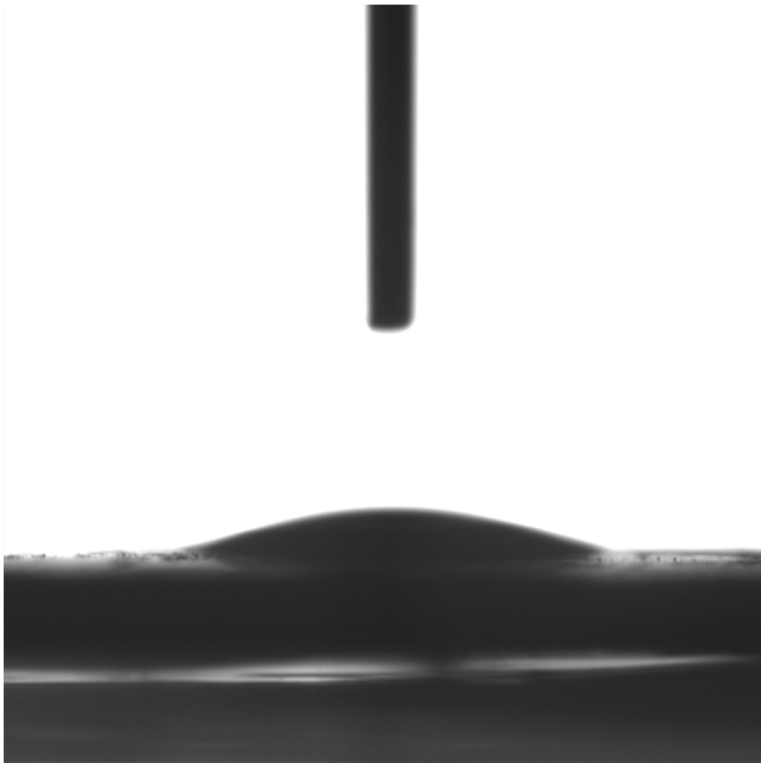

Figure S2. DI water contact angle test on the HPAC flake.

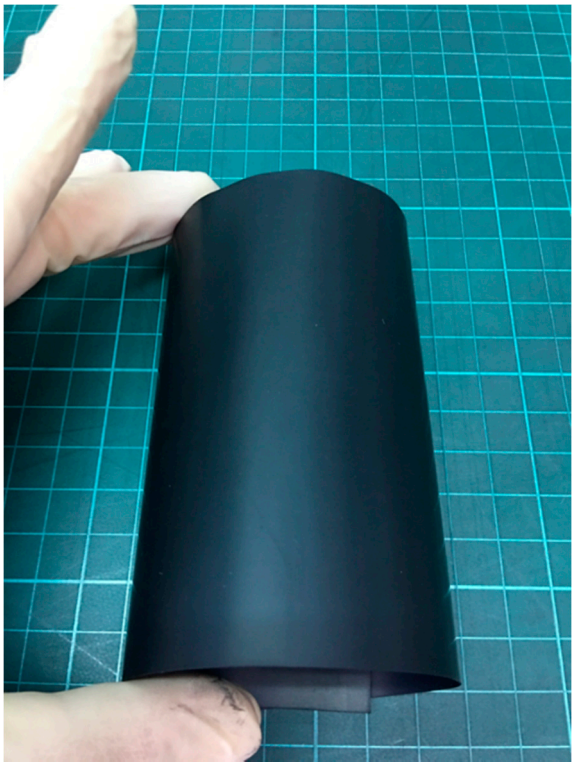

Figure S3. Digital image of the HPAC electrode after winding.

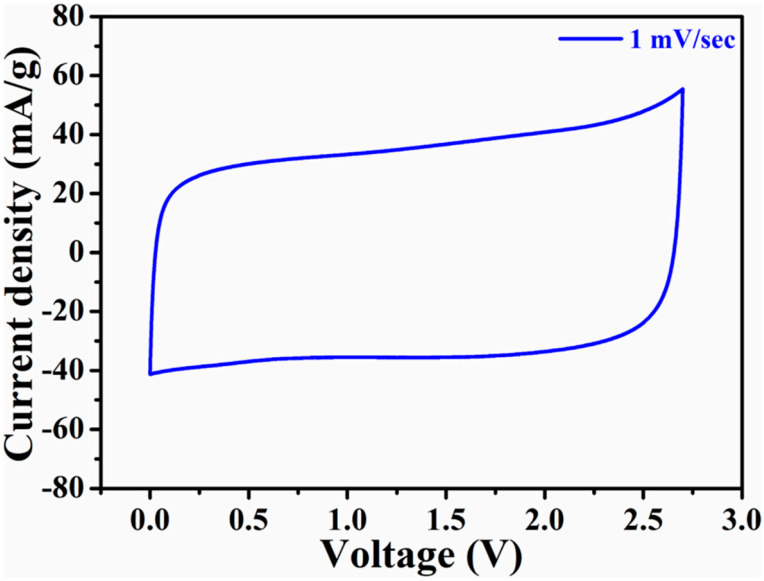

Figure S4. Cyclic voltammogram of the HPAC electrode recorded in the voltage range of 0 to 2.7 V at a scanning rate of 1 mV/sec.

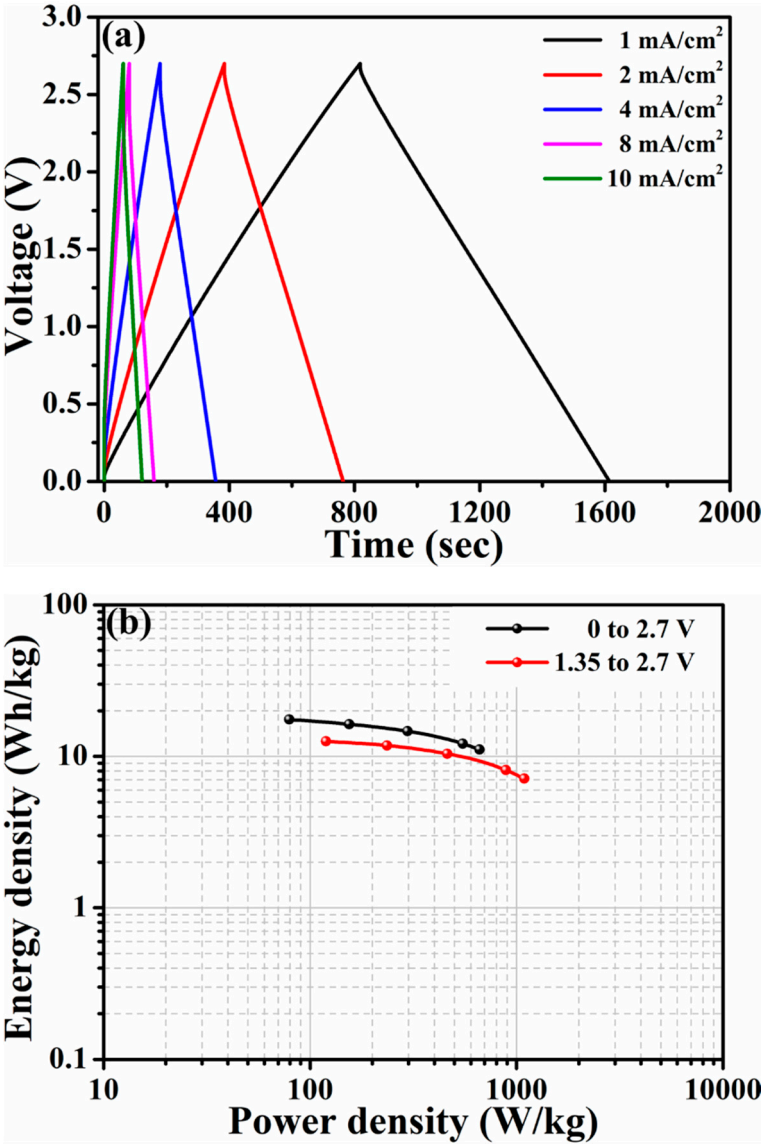

Figure S5. (a) Galvanostatic charge-discharge profiles and (b) Ragone plot of a pouch-type symmetric cell with high-mass loading hierarchically porous activated carbon electrodes measured in the voltage range of 0 to 2.7 V. The current densities used in (a) are 1 mA/cm^2 (0.12 A/g) to 10 mA/cm^2 (1.2 A/g).