

Supporting information

Co-Ni basic carbonate nanowire/carbon nanotube network with high electrochemical capacitive performance via electrochemical conversion

Furui Tan^{*,1}, Hongyuan Chen¹, Ronghua Yuan¹, Xuming Zhang², Deliang Chen^{*,1}

¹ School of Materials Science and Engineering, Dongguan University of Technology, Dongguan, P. R. China

² Department of Applied Physics, The Hong Kong Polytechnic University, Hongkong, P.R. China.

* Corresponding. author: tanfr@dgut.edu.cn; dlchen@dgut.edu.cn (DL Chen)

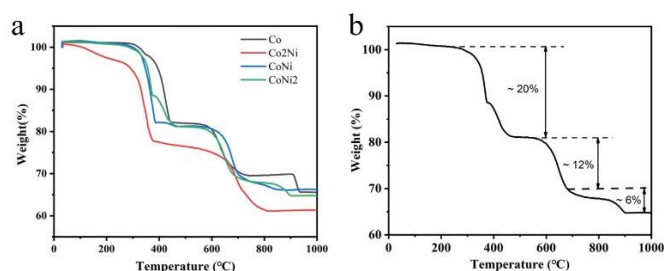


Figure S1. Thermogravimetric Analysis of (a) Co, Co₂Ni, CoNi and CoNi₂; (b) the thermal evolution stage of CoNi₂ carbonate.

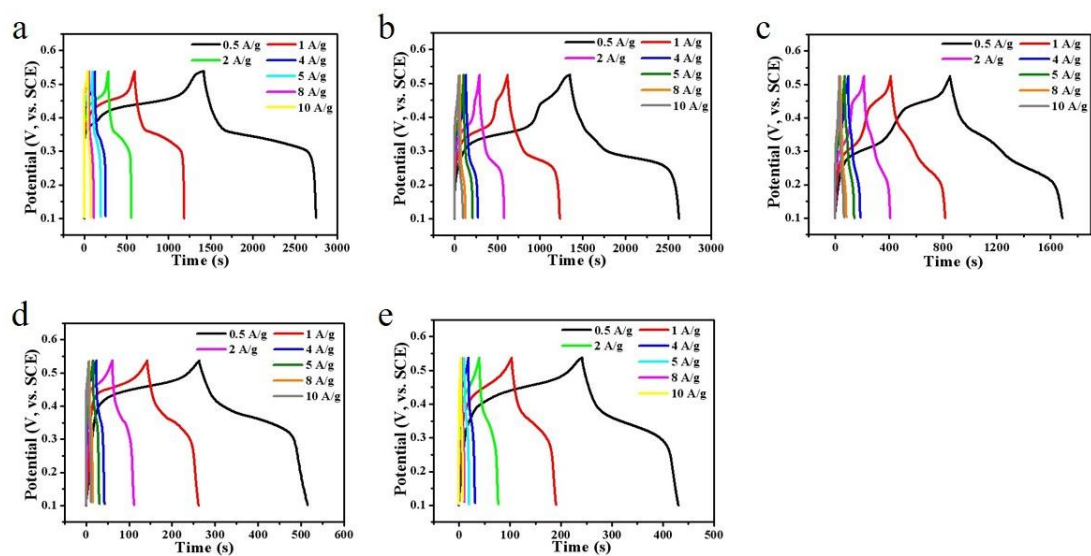


Figure S2. Galvanostatic charge-discharge curve of Ni (a); Ni₂Co(b); (c)NiCo; (d) NiCo₂; (e) Co.