Supporting Information

Effect of Temperature on the Deterioration of Graphite-Based Negative Electrodes during the Prolonged Cycling of Li-ion Batteries

Jin Hyeok Yang\textsuperscript{1}, Seong Ju Hwang\textsuperscript{2}, Seung Kyu Chun\textsuperscript{2}, and Ki Jae Kim\textsuperscript{1*}

\textsuperscript{1}Department of Energy Engineering, Konkuk University, 120 Neungdong-ro, Gwangjin-gu, Seoul 05029, Korea
\textsuperscript{2}Graduate School of Energy & Environment, Seoul National University of Science & Technology, 232 Gongneung-ro, Nowon-gu, Seoul 01811, South Korea

Fig. S1. XRD pattern of negative electrode in the fresh cell, the 25-Cell, and the 45-Cell.

Fig. S2. Profile of Raman analysis (a) change of peak ratio by structural changes, (b) the comparison of peak ratio.

*E-mail address: kijaekim@konkuk.ac.kr
DOI: https://doi.org/10.33961/jecst.2021.00899

This is an open-access article distributed under the terms of the Creative Commons Attribution Non-Commercial License (http://creativecommons.org/licenses/by-nc/4.0) which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original work is properly cited.