

Supplementary material for

**Enhanced Electrochemical Properties of Natural Graphite Anode Using
Promising Cross-linked Ionomer Binder in Li-ion Batteries**

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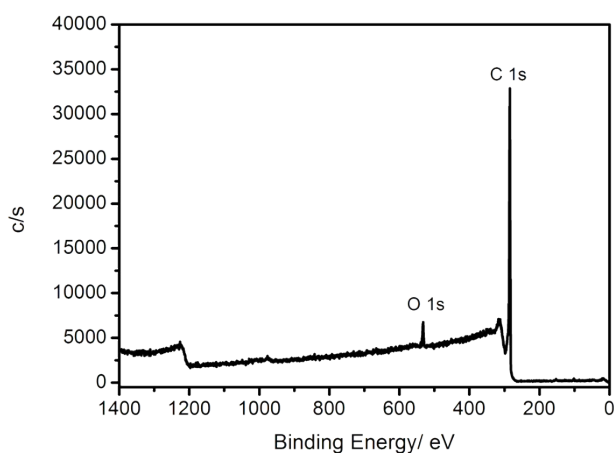


Fig.S1 XPS spectra of graphite material particles. The average content of oxygen on the surface of
graphite particles is 4.1%. XPS was conducted on PHI 1800 (Japan).

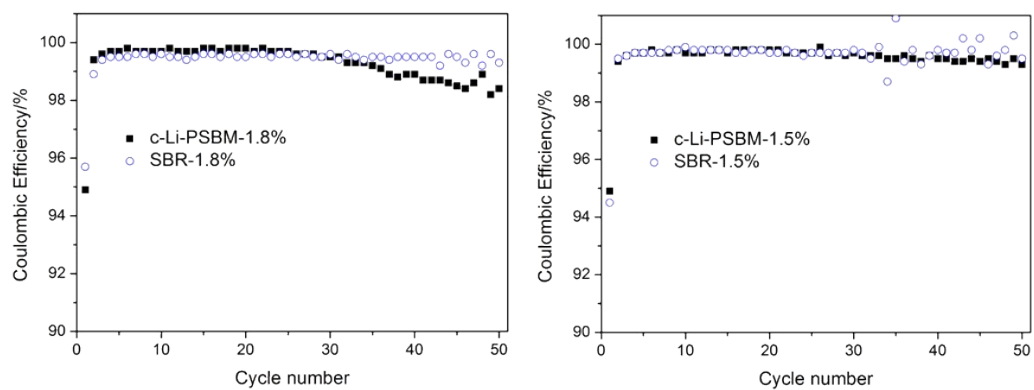


Fig.S2 Coulombic Efficiency curves of graphite electrodes with different binder using addition amount of 1.8% and 1.5%, respectively, upon cycling.



Fig.S3 Soft-package Li-ion batteries tested in this paper.