

## Supporting Information

### **Three-roll milling exfoliated graphite nanoplatelets with semi-graphitized hard carbon by Ni-catalyzed pyrolysis of phenolic resin for high-performance sodium-ion batteries**

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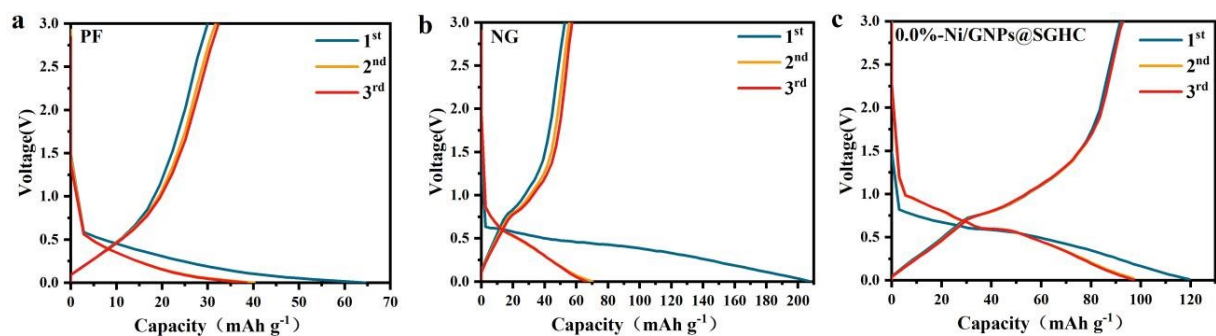


Figure S1 The discharge/charge curves of (a) PF, (b) NG, and (c) 0.0%-Ni/GNPs@SGHC at 1 A  $\text{g}^{-1}$

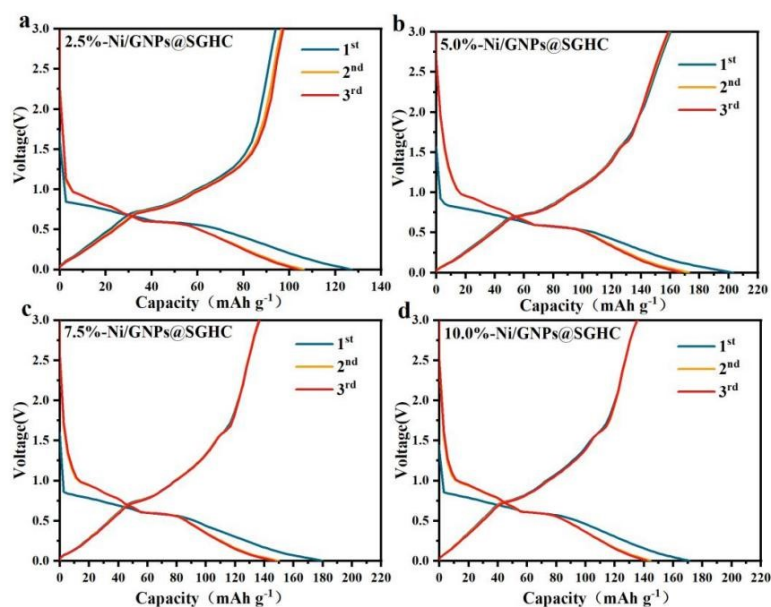


Figure S2 The discharge/charge curves of (a) 2.5%-Ni/GNPs@SGHC, (b) 5.0%-Ni/GNPs@SGHC, (c) 7.5%-Ni/GNPs@SGHC and (d) 10.0%-Ni/GNPs@SGHC at 1 A  $\text{g}^{-1}$

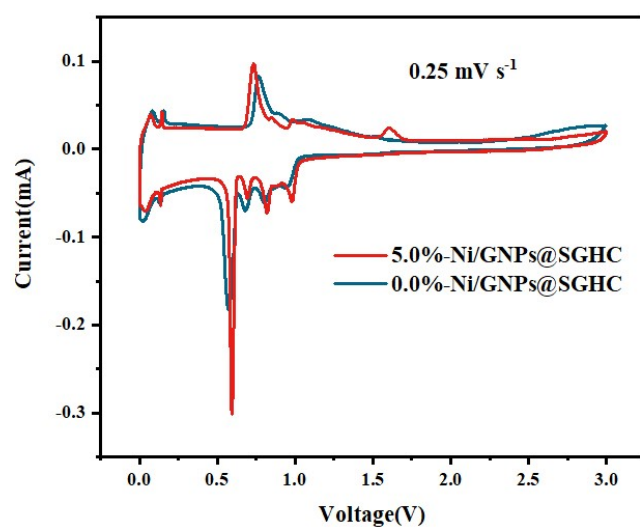


Figure S3 0.0% and 5.0%-Ni/GNPs@SGHC CV curve at 0.25  $\text{mV}^{-1}$