

# A Polymer-Infused Solid-State Synthesis of Long Cycle-Life $\text{Na}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ Composite

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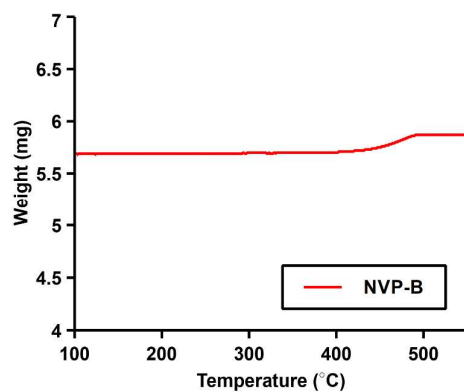


Figure S 1 Thermogravimetric analysis of NVP-B in air

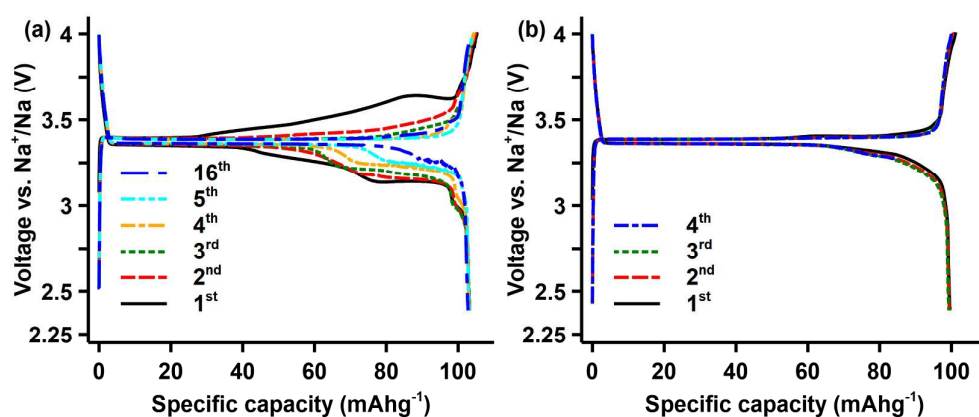


Figure S 2 Charge & discharge curves of NVP using (a) a cathode/anode mass ratio of 0.67 (b) a cathode/anode mass ratio of 4

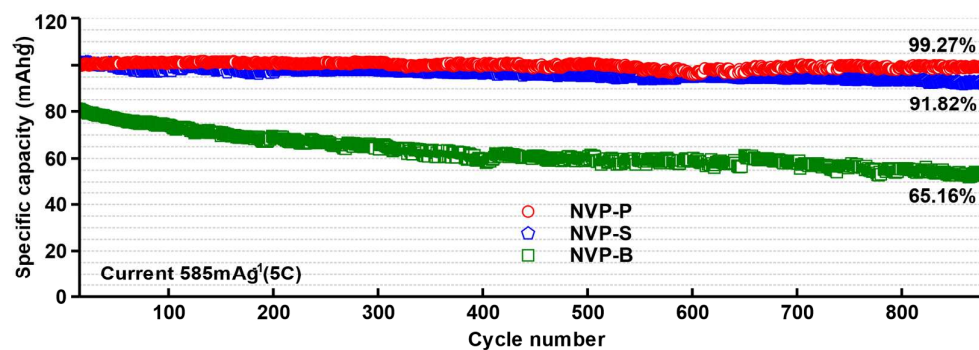


Figure S 3 Comparison of capacity retention after 900 cycles at the 5C rate

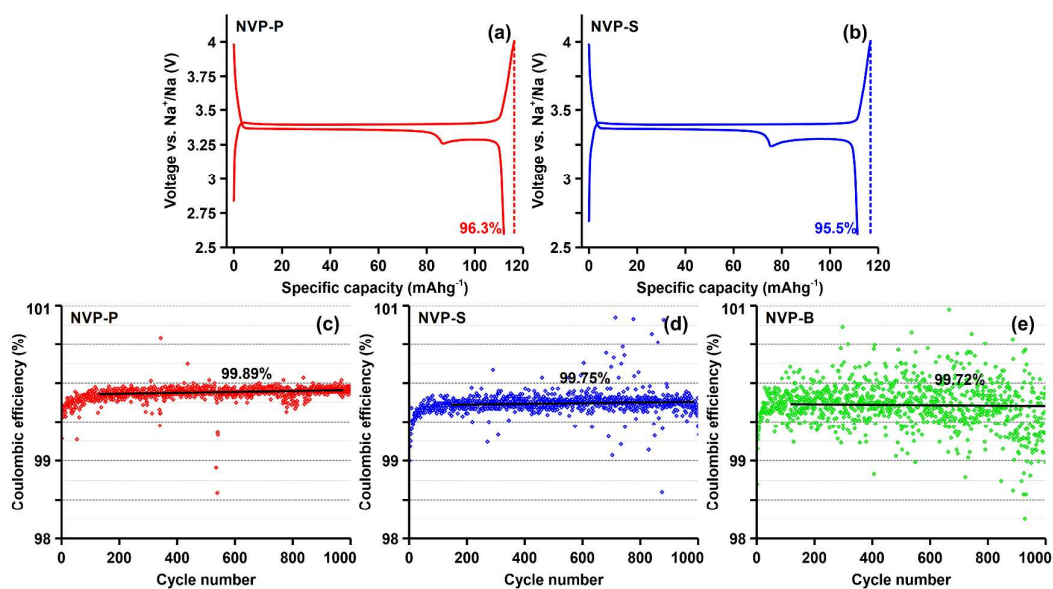


Figure S 4 1<sup>st</sup> cycle charging & discharging curves and coulombic efficiencies of (a)NVP-P and (b)NVP-P. The coulombic efficiencies of (c)NVP-P, (d)NVP-S and (e)NVP-B for 1000 cycles at 1C.

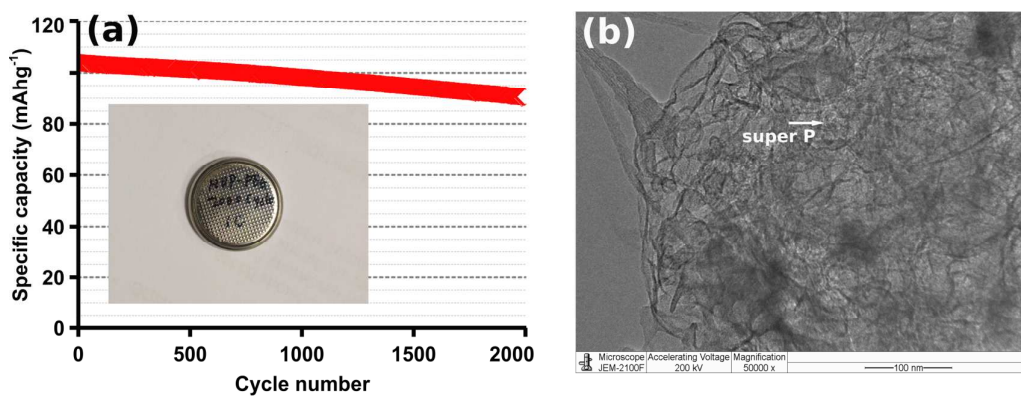


Figure S 5 The retention of cellular carbon structure in NVP-P after 2000 cycles at 1C