

## **Supplementary Information**

### **Carbon Nanotubes Decorated NaTi<sub>2</sub>(PO<sub>4</sub>)<sub>3</sub>/C Nanocomposite for High-Rate and Low-Temperature Sodium-Ion Batteries Anode**

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## Figures

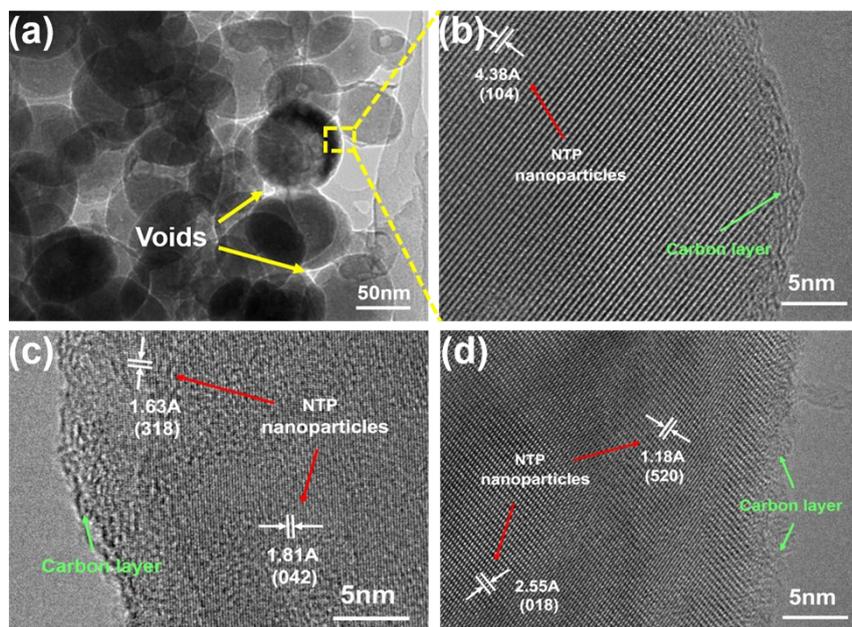


Fig. S1† TEM (a) and HRTEM (b-d) images of NTP/C sample

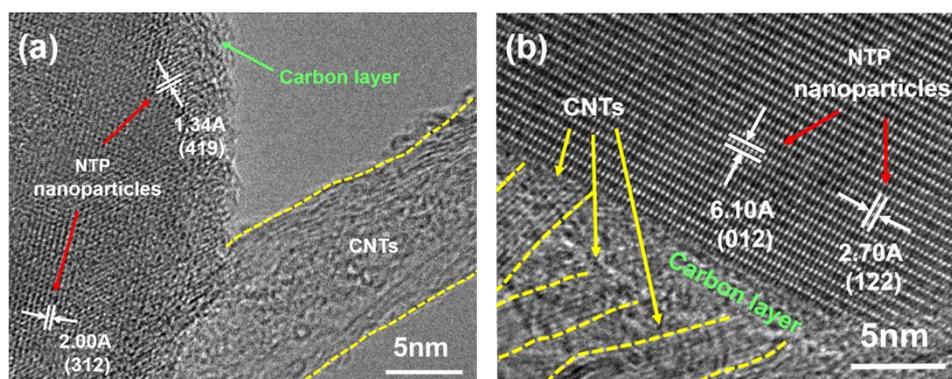


Fig. S2† HRTEM images of NTP/C-CNTs sample

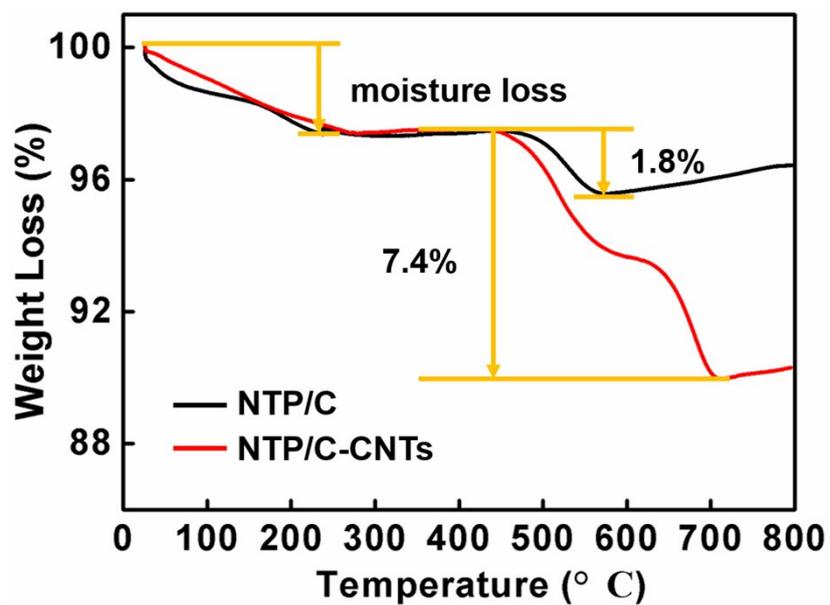


Fig. S3† TG curves of the NTP/C and NTP/C-CNTs samples in air atmosphere.

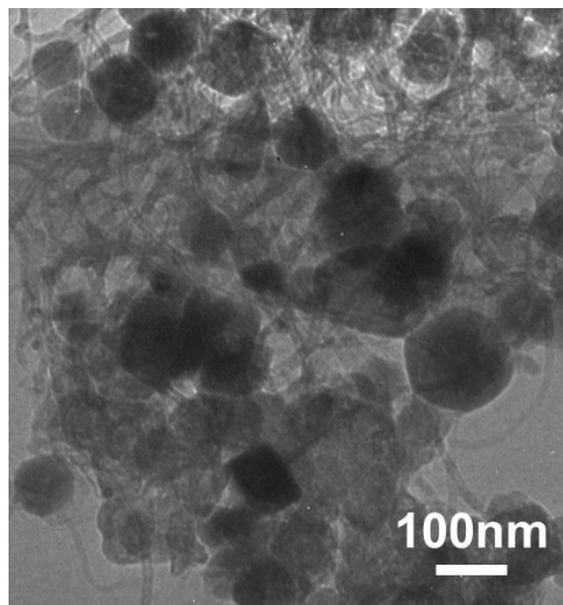
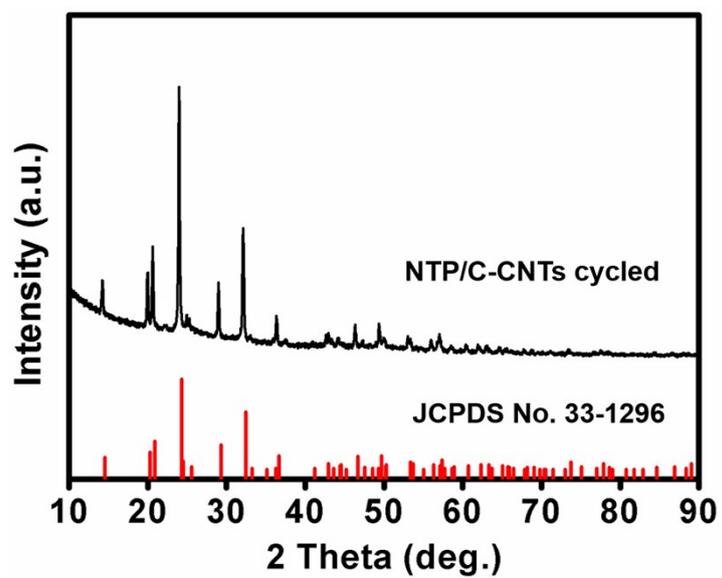


Fig. S4† HRTEM image of NTP/C-CNTs sample after 200 times at 1C.



**Fig. S5†** XRD pattern of NTP/C-CNTs sample after 200 times at 1C comparing to the standard NTP crystallographic pattern [JCPDS no. 33-1296].

## Tables

**Table S1** The fitting values of the resistance components in the simplified equivalent circuit

Components	$R_s/\Omega\cdot\text{cm}^{-2}$	$R_{ct}/\Omega\cdot\text{cm}^{-2}$	$R_{total}^a/\Omega\cdot\text{cm}^{-2}$
NTP/C	6.5	6698.0	6704.5
NTP/C-CNTs	5.1	2370.0	2375.1

<sup>a</sup>  $R_{total} = R_s + R_{ct}$