

Electronic Supplementary Information

Electrospun porous lithium manganese phosphate–carbon nanofibers cathode material for lithium ion batteries

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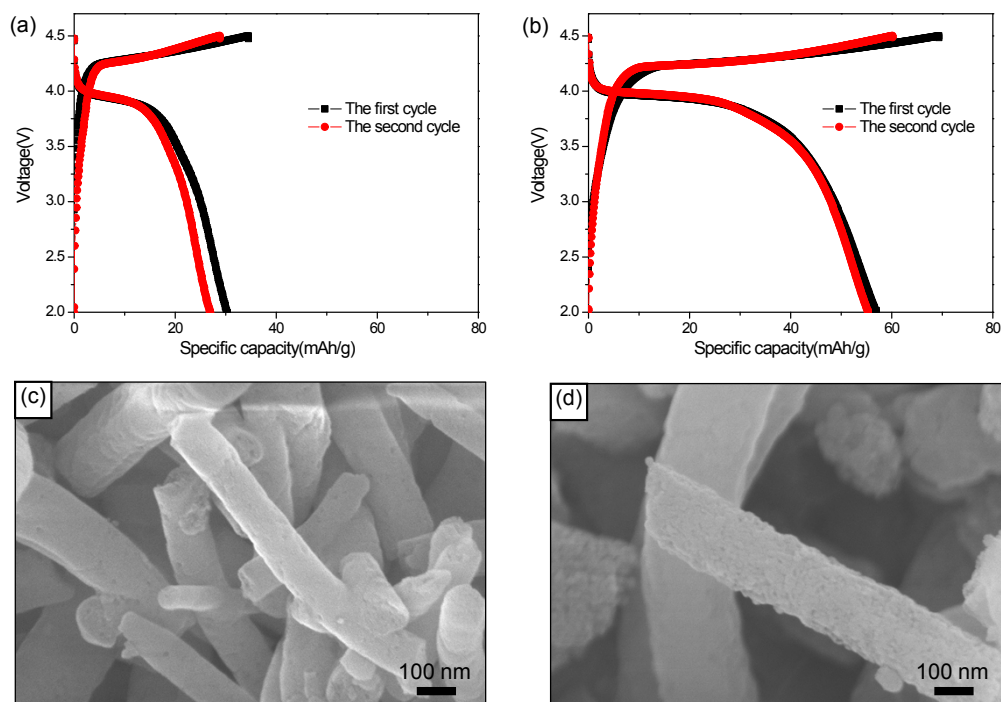


Figure S1. The charge-discharge curves (a, b) in initial two cycles and SEM images (c, d) of LiMnPO_4/C nanofibers obtained using PVP solution with various concentration (a, c: 0.15 g PVP in 6 mL ethanol solution; b, d: 0.45 g PVP in 6 mL ethanol solution).

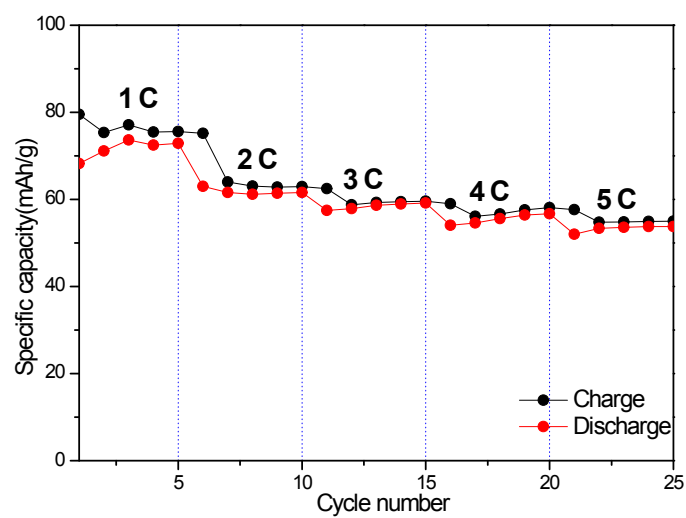


Figure S2. Rate performance of LiMnPO_4/C nanofibers during various discharge C-rates following a constant charge at 1 C

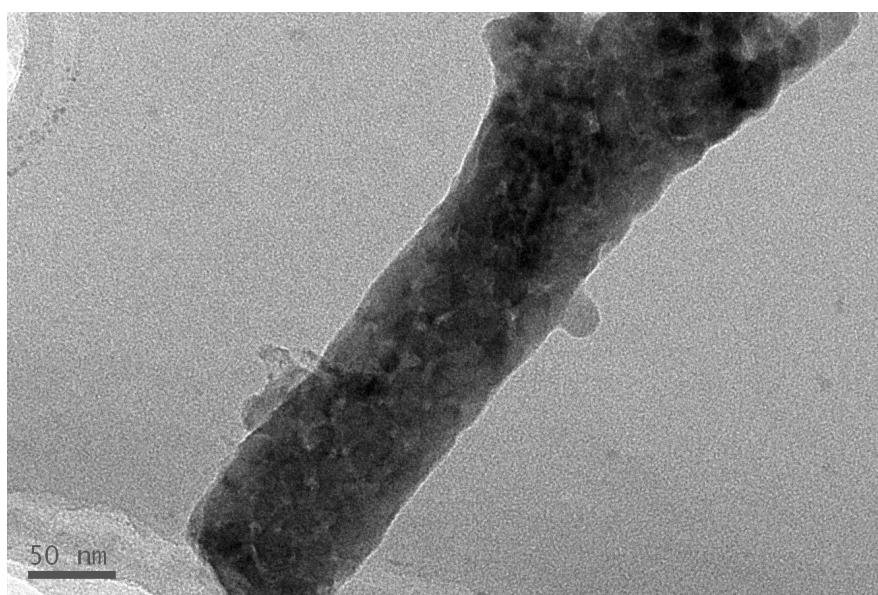


Figure S3. TEM image of LiMnPO_4/C nanofibers after 100 cycles at 1C