

Electronic Supplementary Information

MnO₂ nanoflakes grown on 3D graphite network for enhanced electrocapacitive performance

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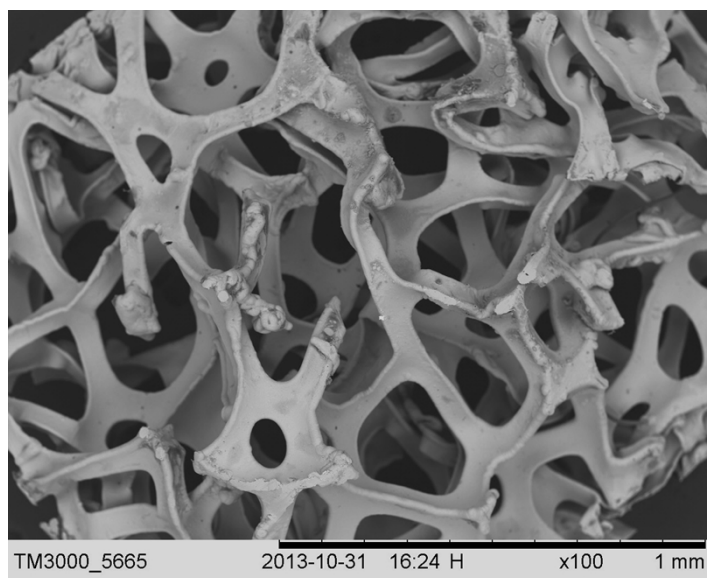


Fig. S1 SEM image of 3D Ni foam.

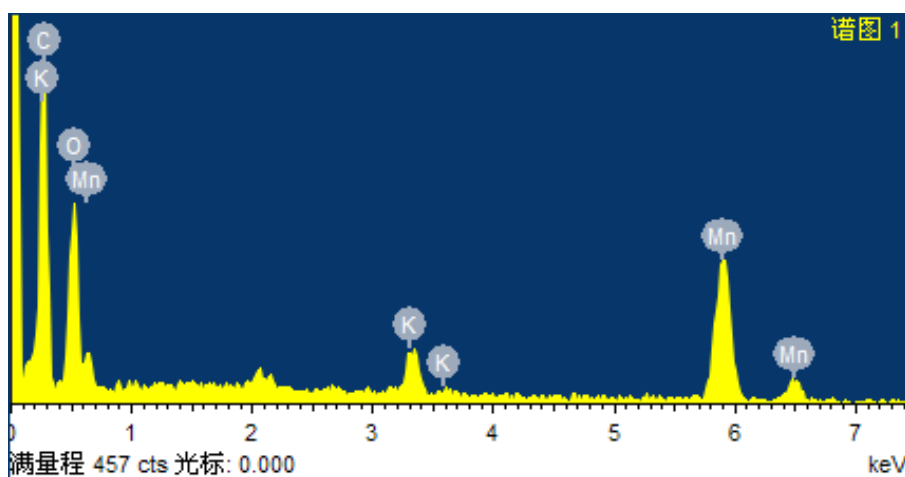


Fig. S2. EDX spectrum of MnO₂-3DG-23% recorded in the selected area of Fig. 4d.

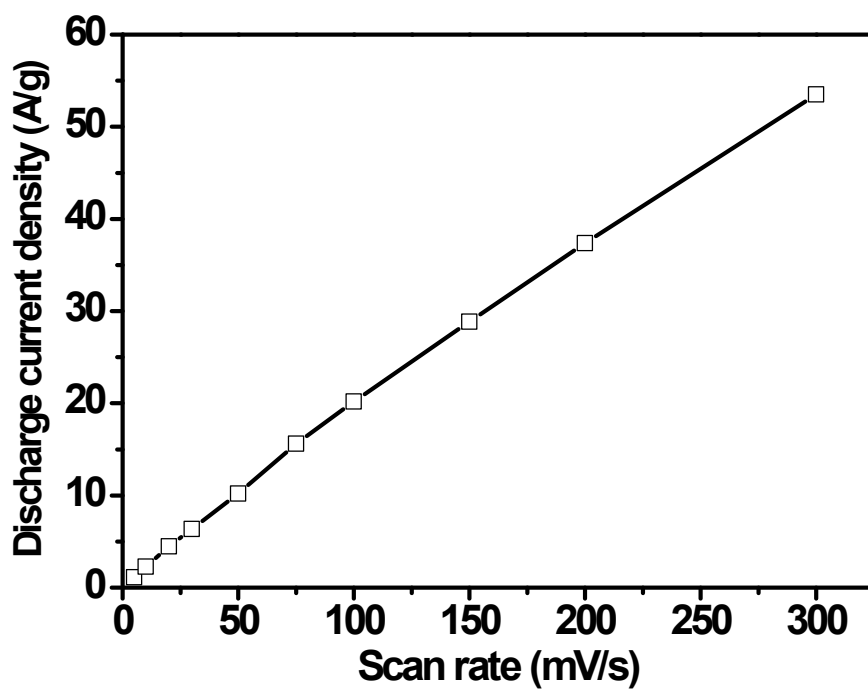


Fig. S3 The dependence of discharged current density at potential of 0.5 V (vs Ag/AgCl) on the scan rate for 3DG-MnO₂-13% electrode.

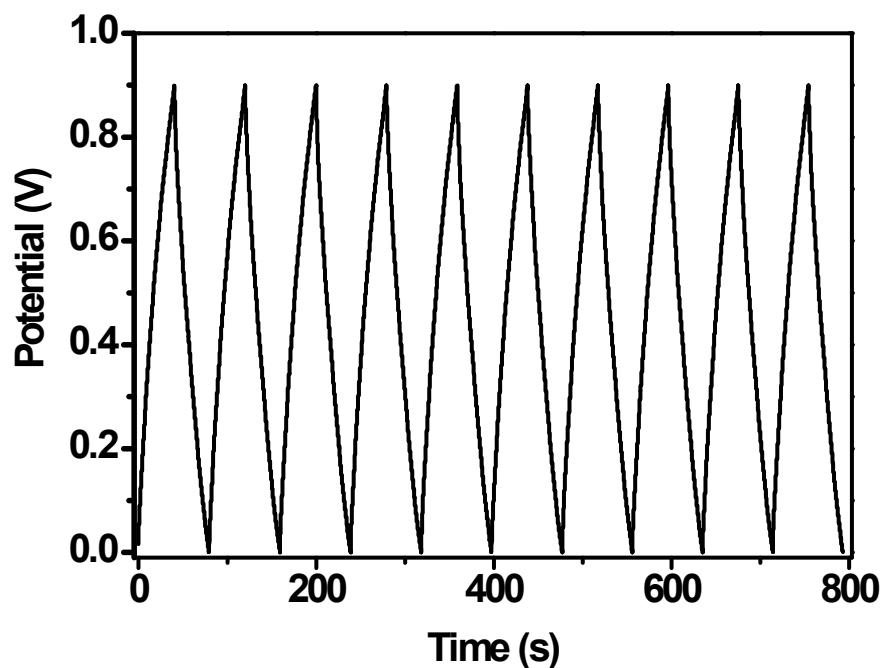


Fig. S4 The last 10 cycles of galvanostatic charge-discharge curves of 3DG-MnO₂-23% electrode at constant current density of 4.0 A/g in 1.0 mol/L Na₂SO₄ aqueous electrolyte.

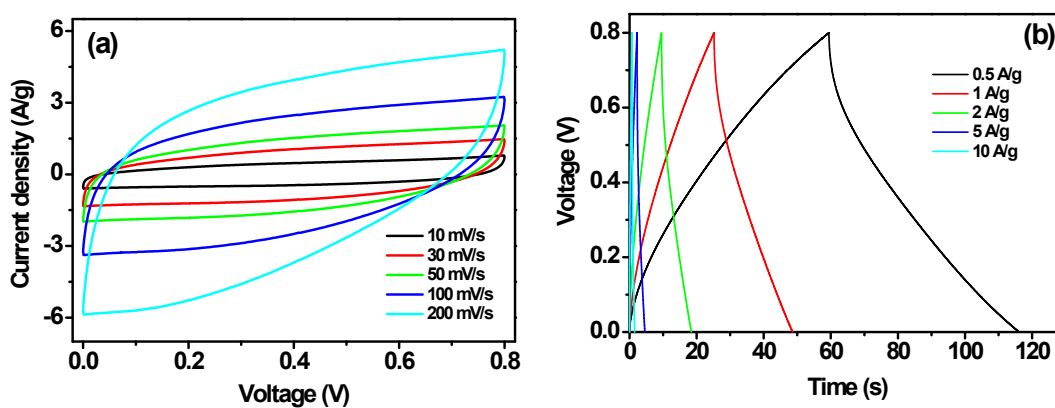


Fig. S5 CV and galvanostatic charge-discharge profile of two-electrode capacitor constructed with 3DG-MnO₂-13% as the symmetric electrode.

