Supporting information

MoS₂-GNS-CNT 3D Hybrids with Excellent Electrochemical

Performances for Lithium Ion Batteries

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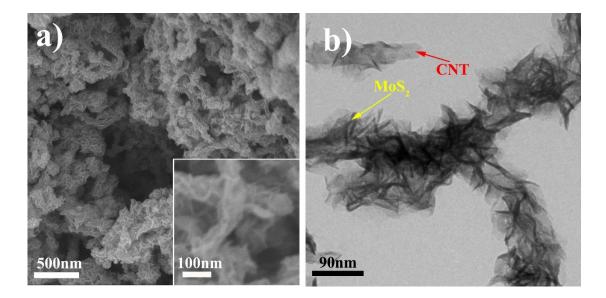


Fig. S1: (a) SEM images of MoS_2 -CNT at different magnifications. The inset in (a) is the high magnification of MoS_2 -CNT. (b) TEM image of MoS_2 -CNT.

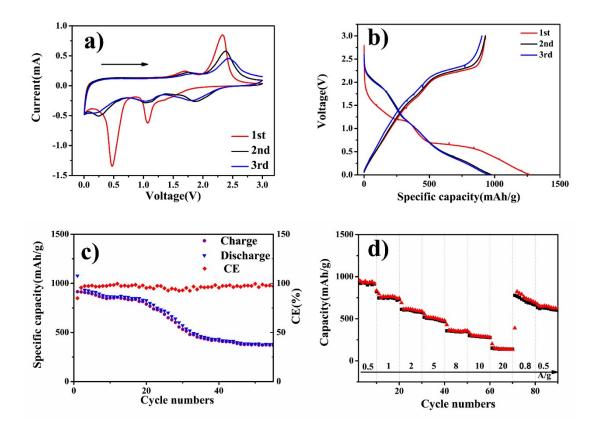


Fig. S2: (a) The CV curve of MoS_2 -CNT composite at a scanning rate of 0.2 mV/s. (b) Charge-discharge profile for the first three cycles at a current density of 0.5 A/g for MoS_2 -CNT composite. (c) Cycling behavior of MoS_2 -CNT electrode at a current density of 0.5 A/g. (d) Rate capability of MoS_2 -CNT electrode at various current densities.