Supplementary Information For

Synthesis of α-MnO_2 nanowires modified by Co_3O_4 nanoparticles as a high-performance catalyst for rechargeable Li-O_2 batteries

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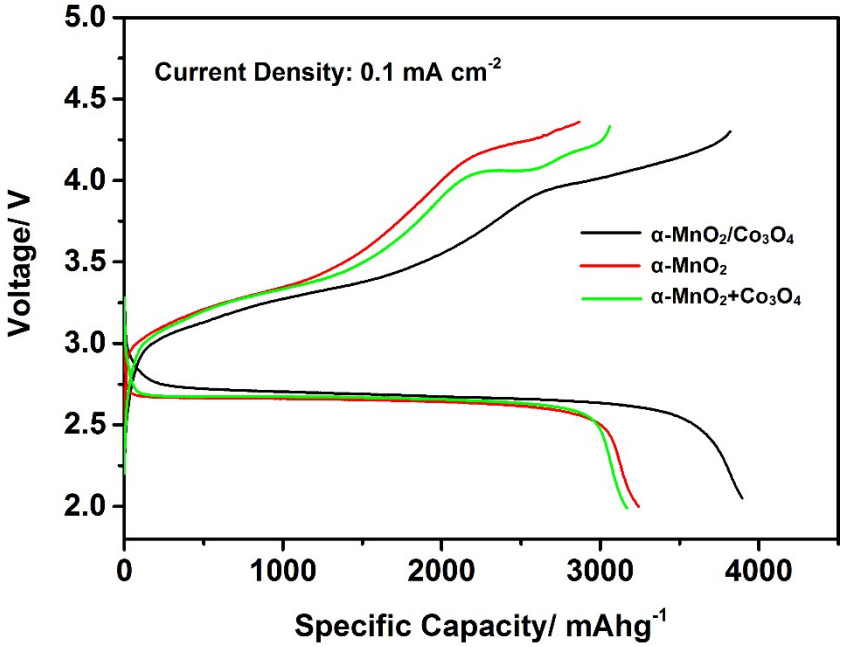

Fig. S1 Initial charge-discharge profiles of α-MnO_2/Co_3O_4, α-MnO_2 and α-MnO_2/Co_3O_4.

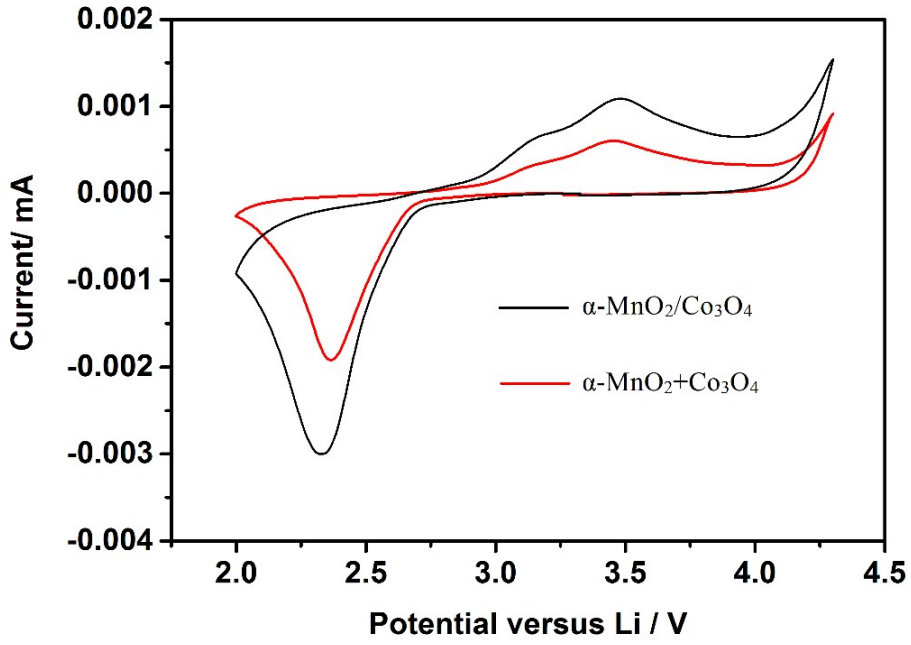

Fig. S2 CV curves of α-MnO_2/Co_3O_4 and α-MnO_2+Co_3O_4 cathodes at a scan rate of 0.2 mV s^{-1} between 2.0 and 4.3 V.

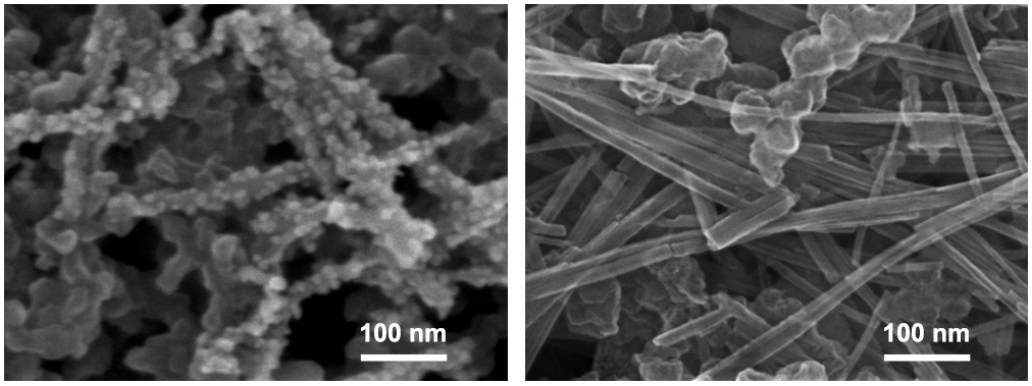

Fig. S3 SEM images of α-MnO_2/Co_3O_4 (a) and α-MnO_2+Co_3O_4 (b) cathodes after discharge with a limited capacity of 1000 mAh·g^{-1}.