Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A

Supplementary information (ESI)

High-surface-area F-doped amorphous MoO_x for high-performance lithium storage properties

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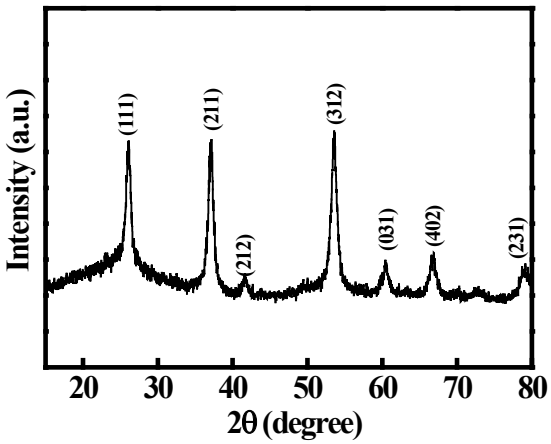

Fig. S1 XRD pattern of F-doped MoO_2 NPs obtained by thermal treatment of F-doped *a*-MoO_x.

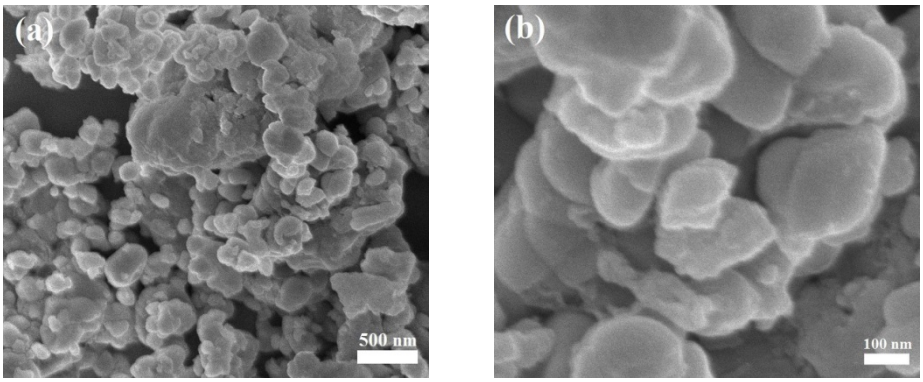

Fig. S2 FE-SEM images of F-doped MoO_2 NPs (a) low-magnification and (b) high-magnification.

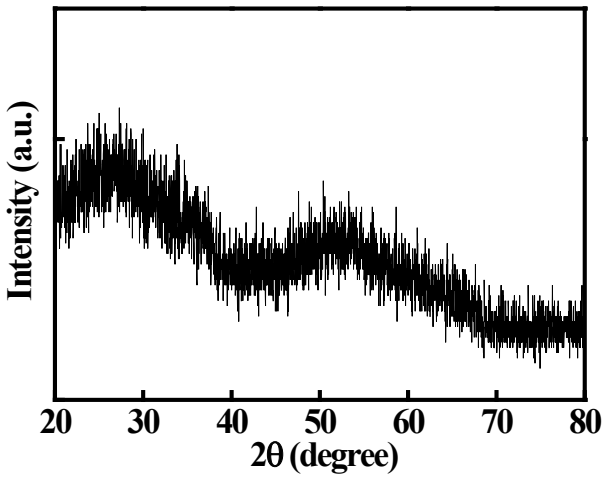

Fig. S3 XRD pattern of *a*-MoO_x sample without F doping.

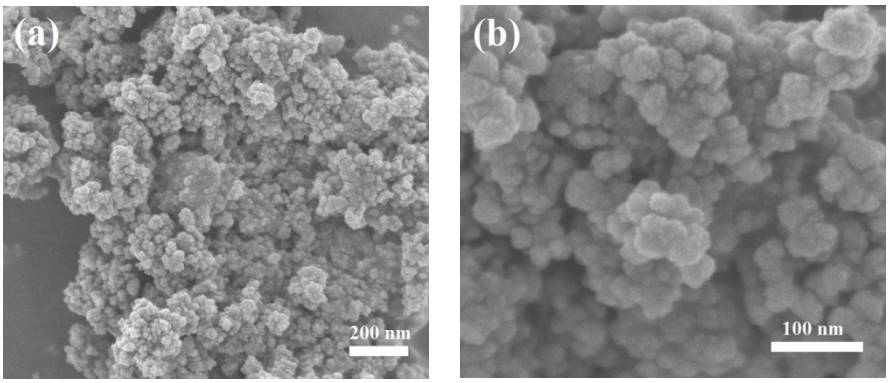

Fig. S4 FE-SEM images of *a*-MoO_x sample without F doping (a) low-magnification and (b) high-magnification.

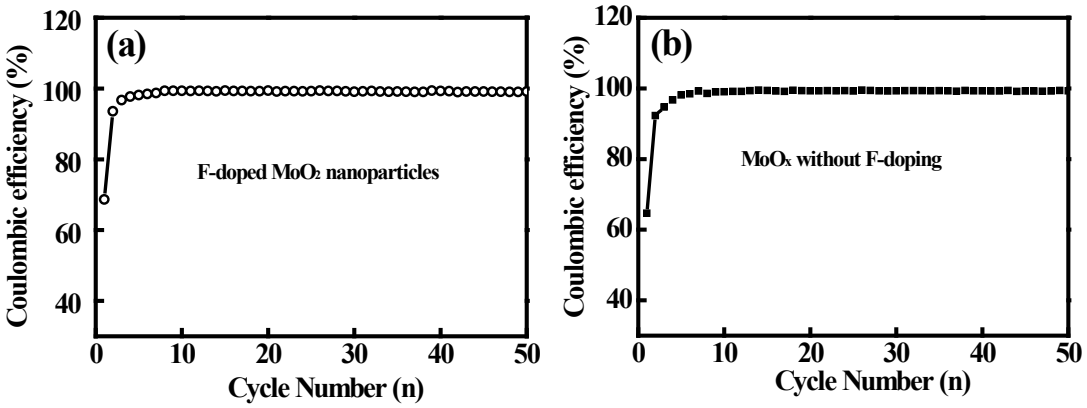

Fig. S5 The coulombic efficiency of (a) F-doped MoO_2 NPs and (b) *a*-MoO_x sample without F doping.

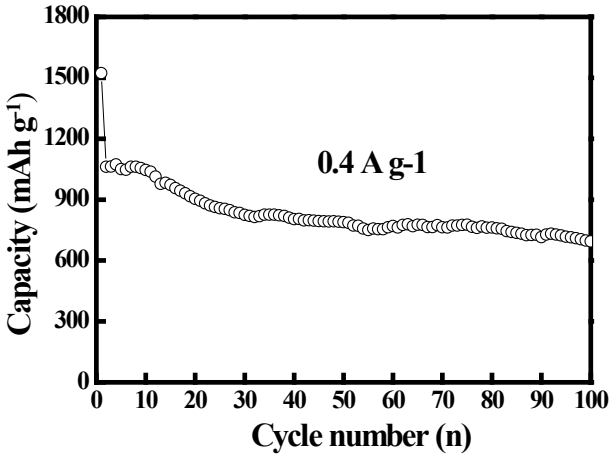

Fig. S6 Cycling performance of the F-doped *a*-MoO at a current density of 0.4 A g^{-1} for 100 cycles.