Controlled Building Mesoporous MoS₂@MoO₂-Doped Magnetic Carbon Sheets for Superior Potassium Ion Storage

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Fig. S1 XPS spectrum of N for MoS₂@MoO₂@Fe@CN.



Fig. S2 FESEM images of $MoS_2@MoO_2@Fe@CN$ at various time intervals: (A) 1 h, (B) 2 h, (C) 5 h and (D) 18 h.



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Table S	L The	comparison	of	the	potassium	storage	properties	between	MoS ₂ @MoO ₂ @Fe@CN	and	the		
previously reported anode materials.													

Materials	Current density (mA g ^{.1})	Cycle number	Capacity (mAh g ^{.1})	Reference		
D MoS	50	1	104	40		
D-M052	100	100	94			
Mac NEa	50	1	77	40		
MOS ₂ NFS	100	100	67			
Sn ₄ P ₃ @C	50	50	307.2	41		
Ordered mesoporous carbon	50	100	257.4	42		
K4PTC@CNT	50	500	132	43		
MoS ₂ @SnO ₂ @C	100	25	250	44		
	50	1	351	This work		
MoS ₂ @MoO ₂ @Fe@CN	100	100	312			
	500	500	271			