

Supporting Information:

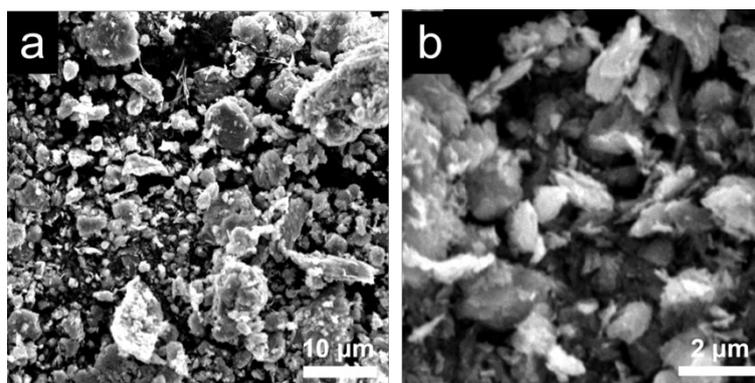


Fig. S1 The SEM images of K-V₆O₁₃ at (a) 5000 and (b) 30000 magnifications.

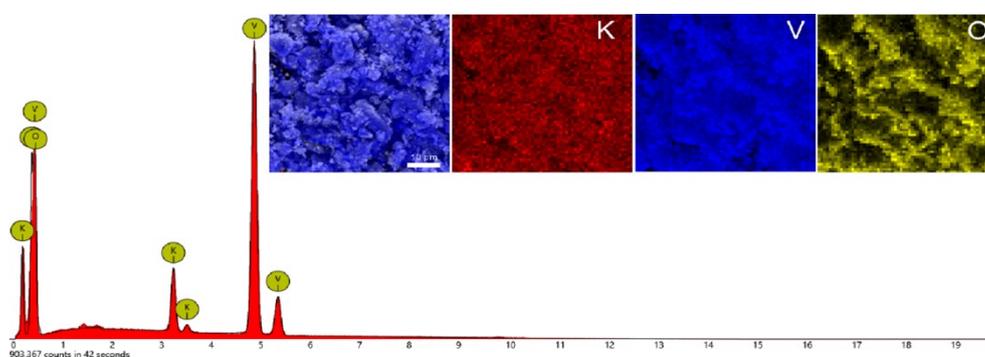


Fig. S2 The EDS of K-V₆O₁₃.

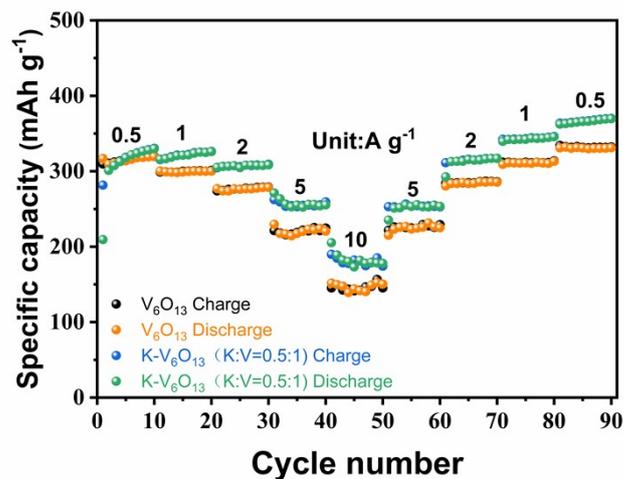


Fig. S3 Rate capability at 0.5-10 A/g over the voltage range of 0.2-1.5 V of K-V₆O₁₃ (0.5:1) and pure V₆O₁₃.

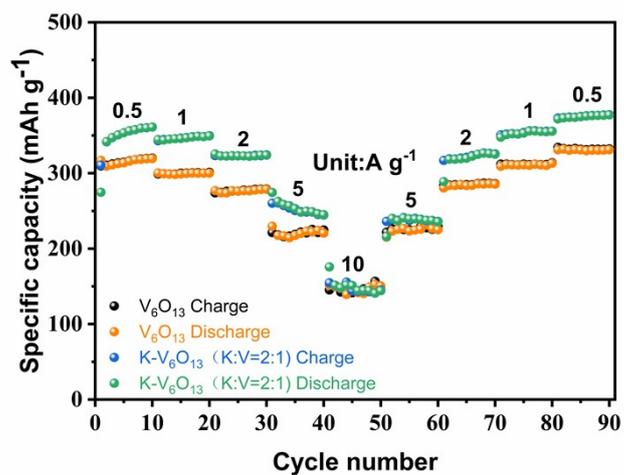


Fig. S4 Rate capability at 0.5-10 A/g over the voltage range of 0.2-1.5 V of $K-V_6O_{13}$ (2:1) and pure V_6O_{13} .

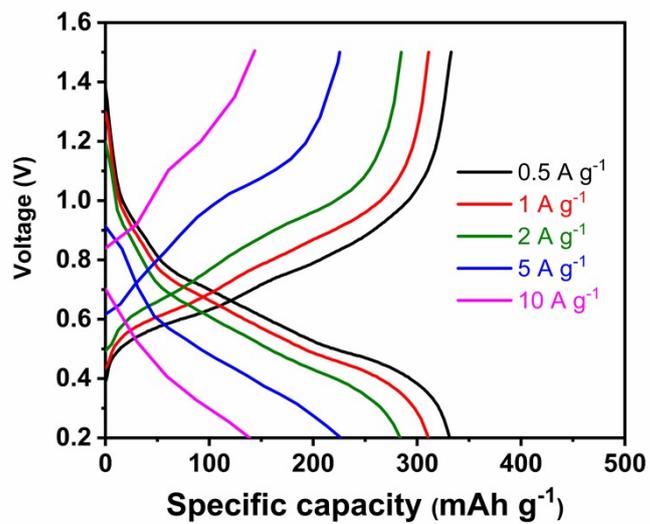


Fig. S5 Charge/discharge curves of V_6O_{13} at different rate.

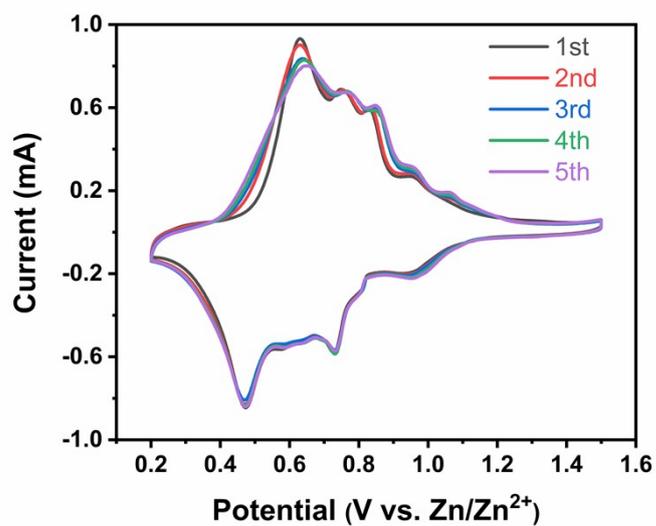


Fig. S6 Cyclic voltammetry profiles of V_6O_{13} at 0.1 mV/s.

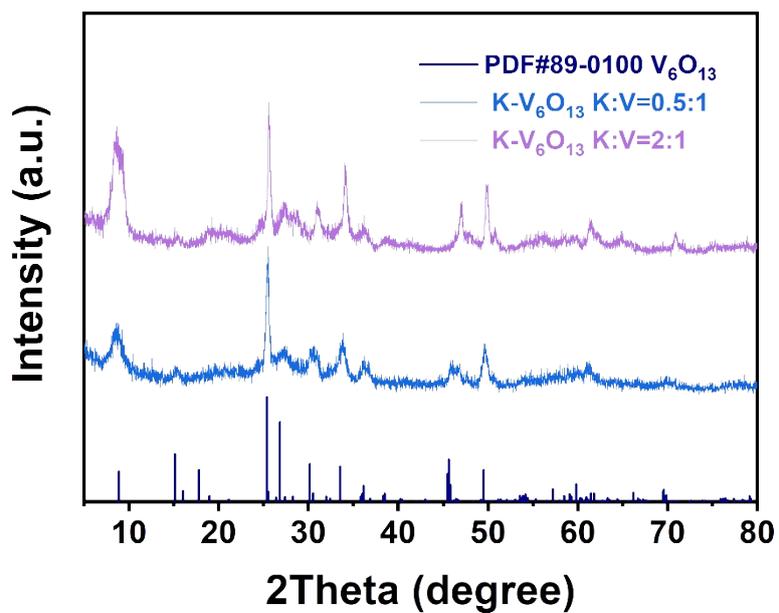


Fig. S7 XRD patterns of $K-V_6O_{13}$ with K:V of 0.5:1 and 2:1, respectively.

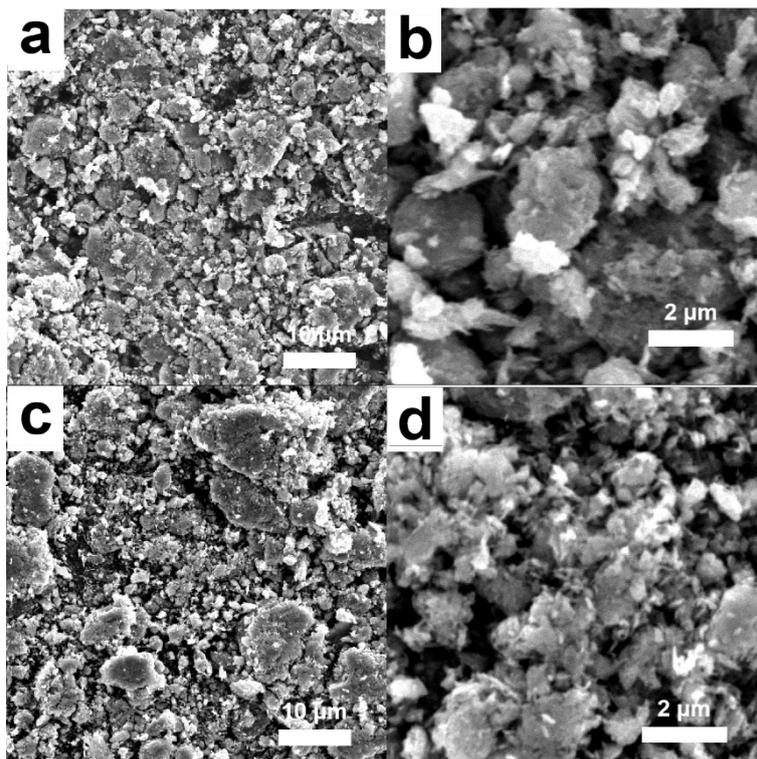


Fig. S8 SEM images of K- V_6O_{13} with K:V of 0.5:1 (a-b) and 2:1 (c-d) at 5000 and 30000 magnification, respectively.

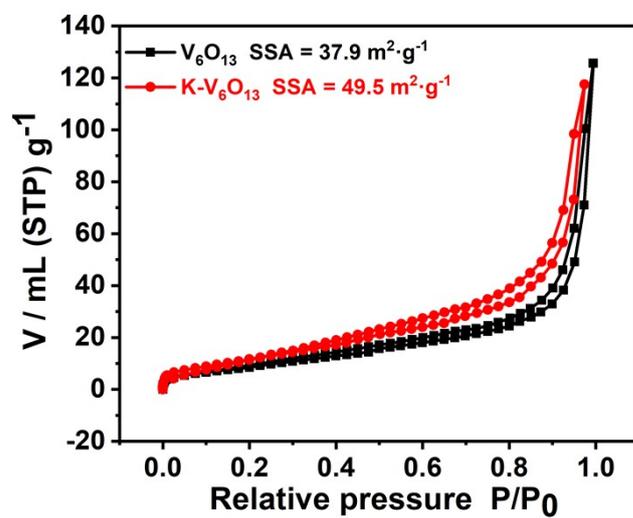


Fig. S9 N_2 adsorption-desorption isotherm of V_6O_{13} and K- V_6O_{13} .