

Supplementary Materials

Effects of Vanadium Pentoxide with Different Crystallinity on Lithium Ion Storage Performance

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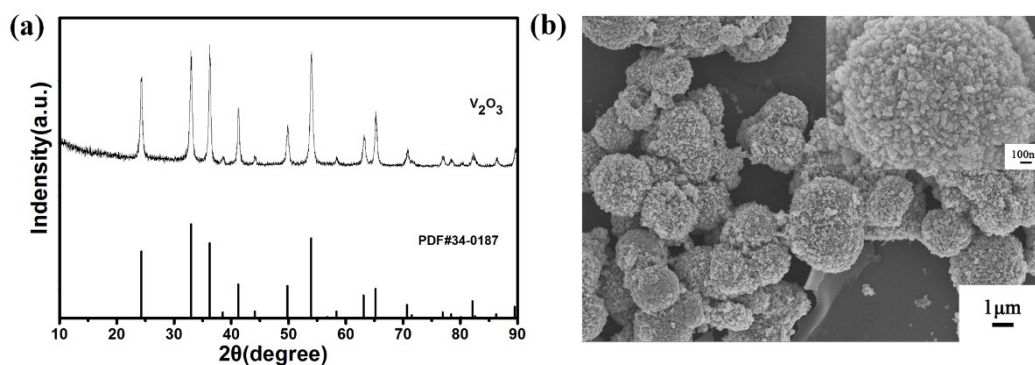


Fig. S1 XRD pattern and SEM image of the precursor.

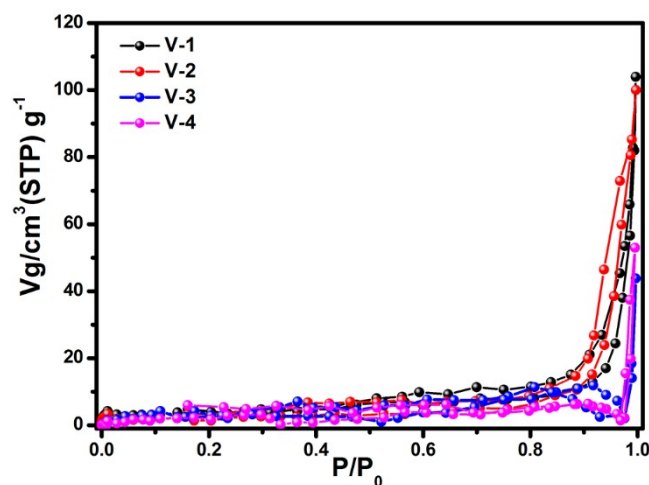


Fig. S2 Nitrogen adsorption-desorption isotherms of four samples.

Table S1. Specific surface area and pore diameters of four samples.

Sample	S_{BET} (m ² /g)	Pore Volume (cm ³ /g)
V-1	6.79	1.56
V-2	6.70	1.54
V-3	0.62	0.14
V-4	0.54	0.12

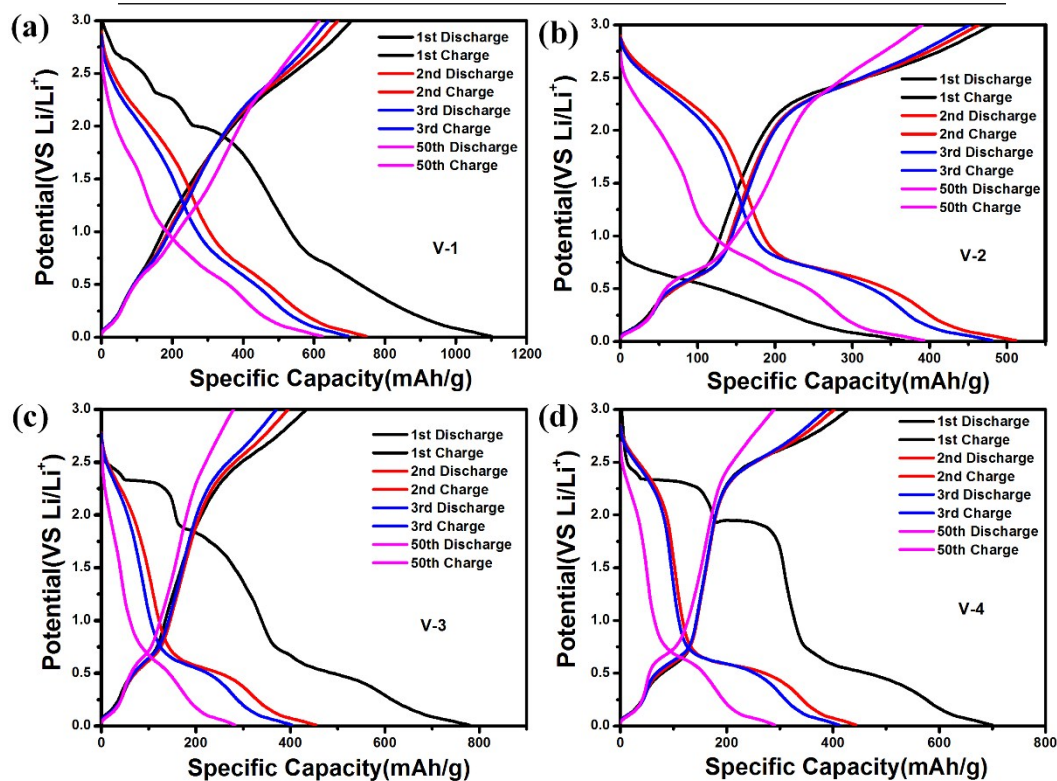


Fig. S3 Discharge-charge curves of V-1, V-2, V-3, and V-4 from 0.01 to 3 V at a current density of 100 mA·g⁻¹.

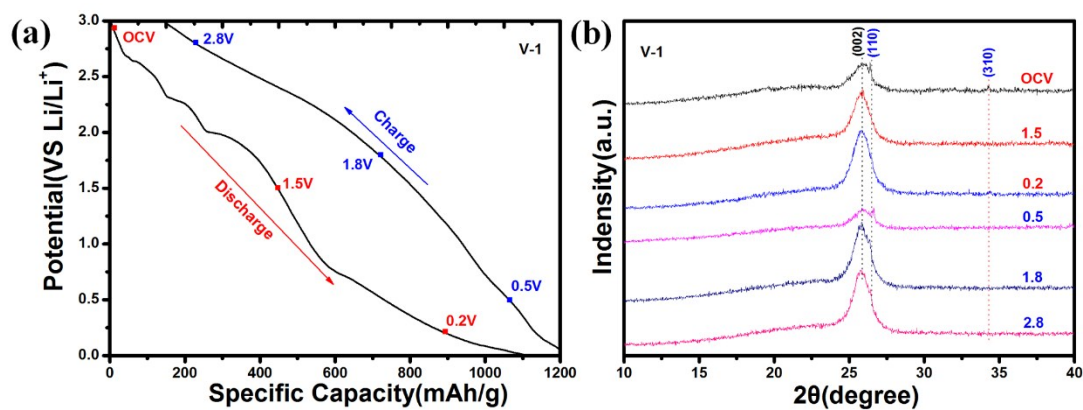


Fig. S4 XRD patterns of V-1 material during the initial cycle process at 100 mA·g⁻¹.