

Supporting information

From irreversible transformation of VO₂ to V₂O₅ Electrochromic Films

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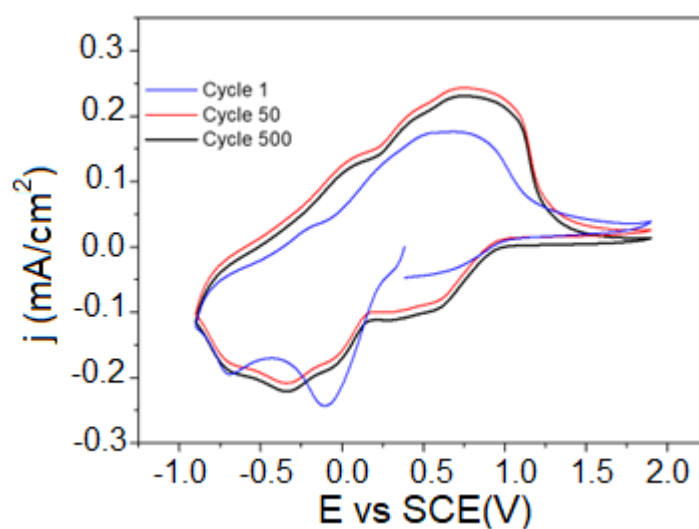


Figure S1. Corresponding cycling voltammograms for of VO₂(M1) film cycled in Pt/LiTFSI-EMITFSI/VO₂ vs SCE with a 10 mV/s scan rate.

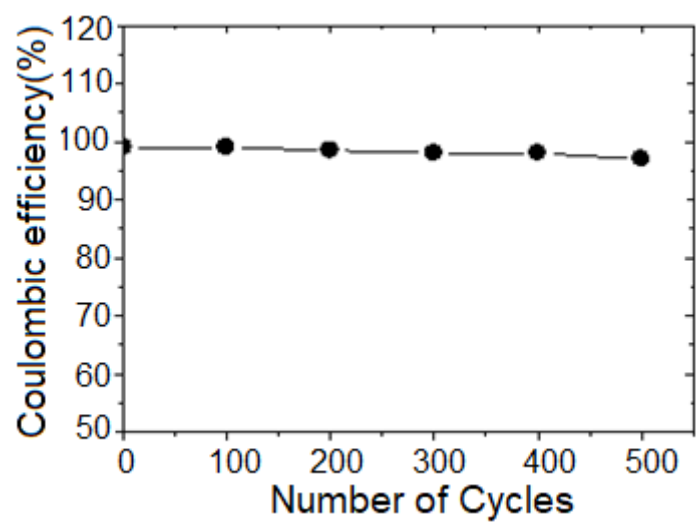


Figure S2. Coulombic efficiency evolution with the number of cycles.

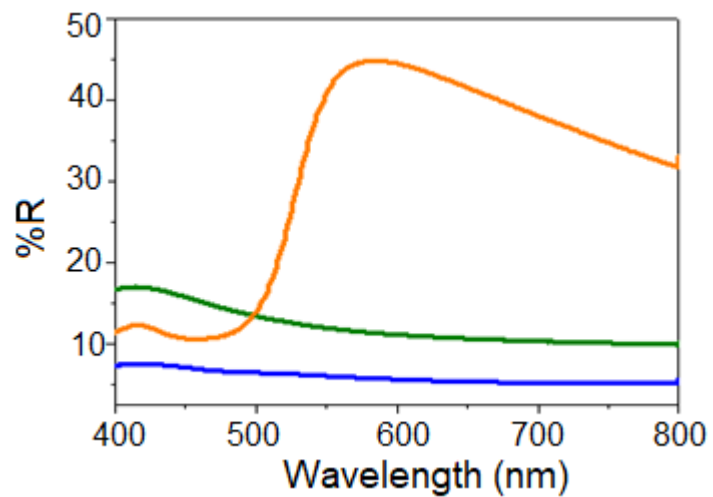


Figure S3. *Ex-situ* diffuse reflectance of VO₂(M1) films in reduced green state at (-0.3V), blue state at (-0.9 V) and oxidized orange state (+1.9 V) after 500 cycles.

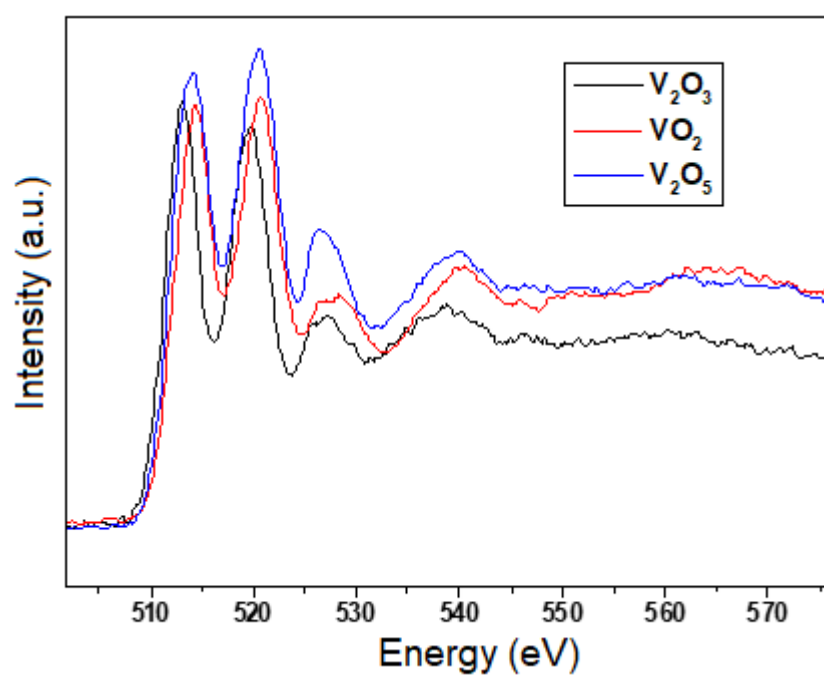


Figure S4. EELS of the powders.