

Supplementary Data

Hydrothermal synthesized CoS₂ as efficient co-catalyst to improve the interfacial charge transfer efficiency in BiVO₄

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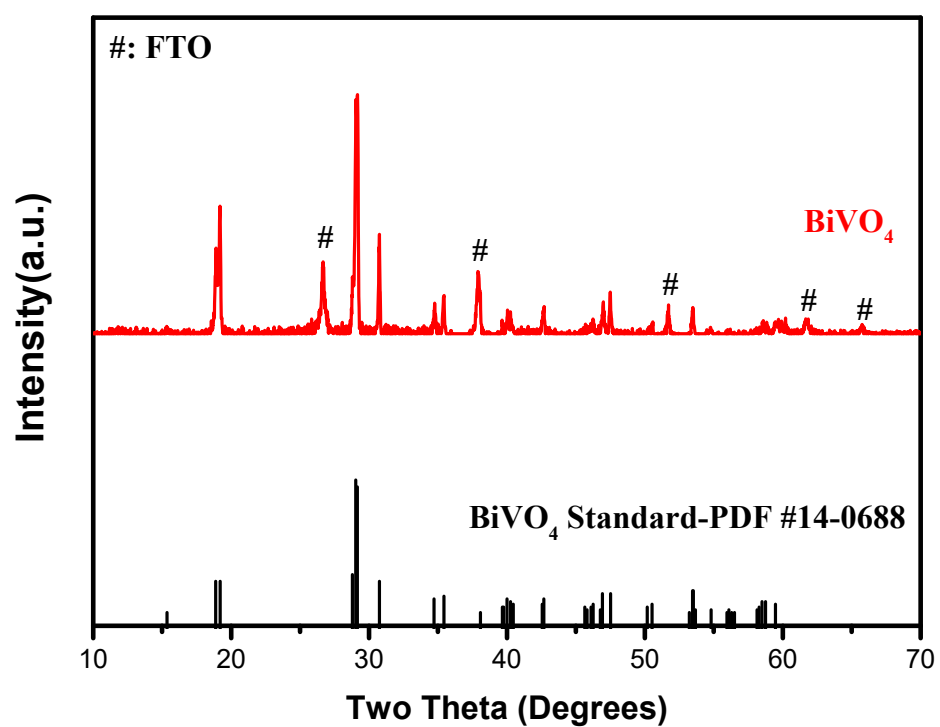


Figure S1. XRD pattern of the bare BiVO₄ and the standard diffraction of BiVO₄ (JCPDS card No. 14-0688).

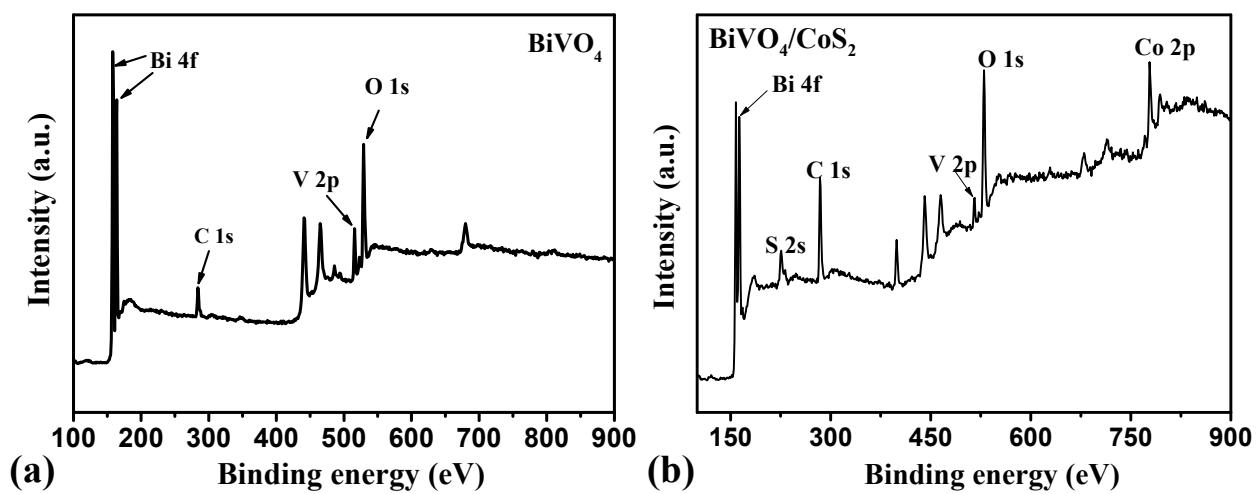


Figure S2. The XPS survey spectra of the bare BiVO_4 and $\text{BiVO}_4/\text{CoS}_2$ sample.

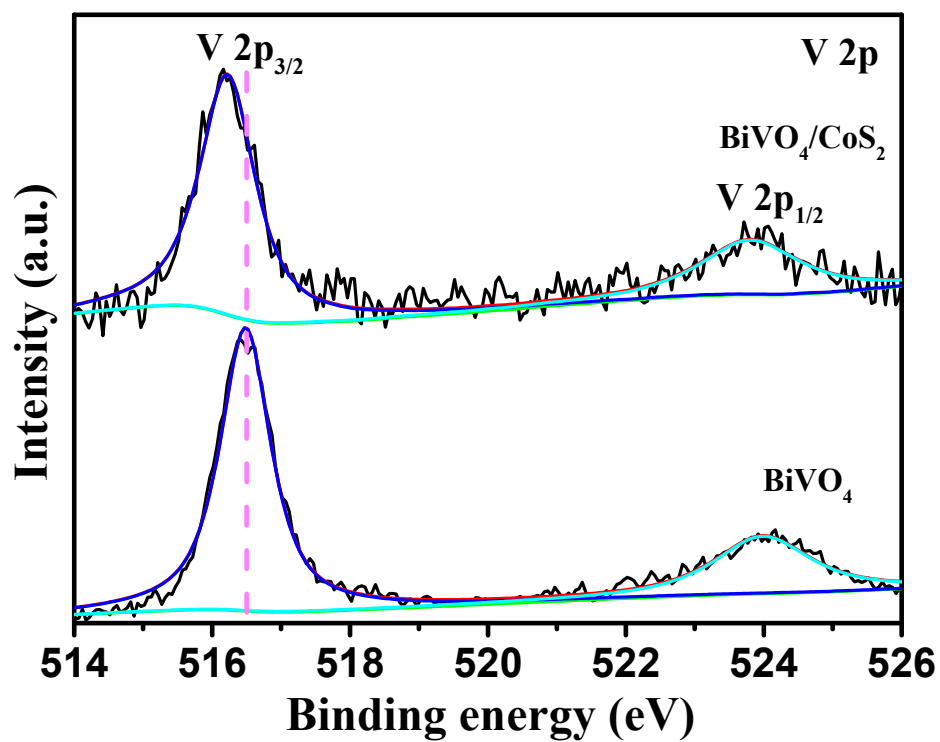


Figure S3. The high-resolution spectra of V 2p of the bare BiVO_4 and $\text{BiVO}_4/\text{CoS}_2$ sample.