

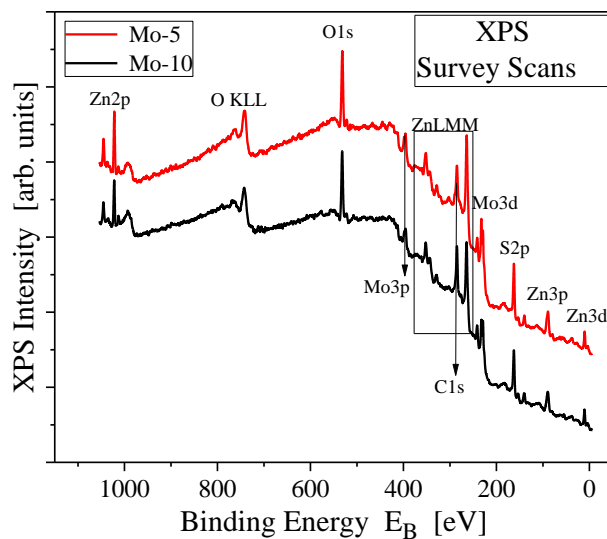
## Supplementary Information for

# Hybrid ZnO/MoS<sub>2</sub> core/sheath heterostructures for photoelectrochemical water splitting

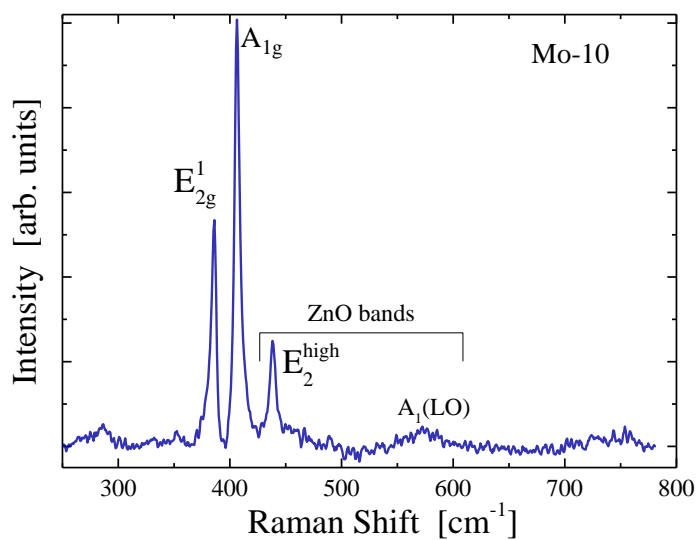
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**Figure S1:** Surveys scans of the Mo-5 and Mo-10 MoS<sub>2</sub>/ZnO heterostructures.



**Figure S2:** Representative full-range Raman spectrum of the Mo-10 sample.