

Supporting Information

In-situ sulfurization constructing CdS-MoS₂ heterstructure on Mo
substrate for efficient photoelectrochemical hydrogen generation

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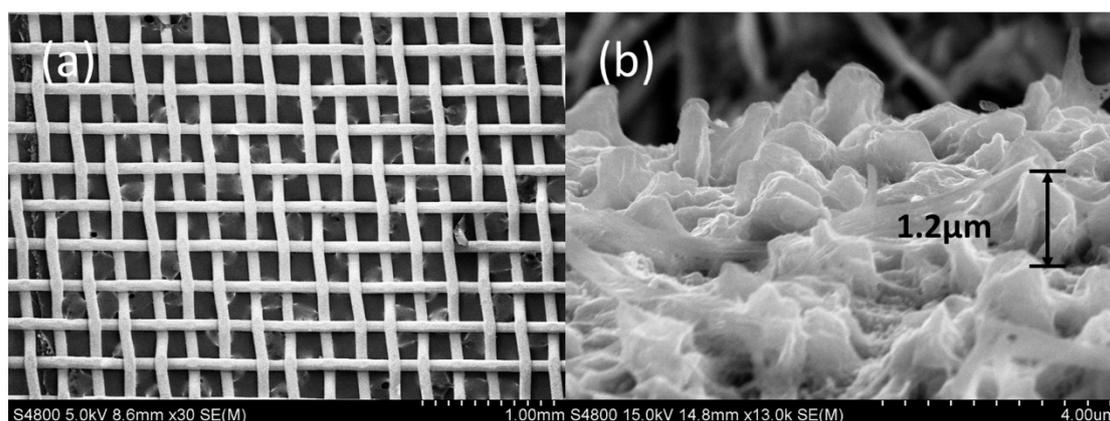


Fig. S1. SEM images of CdS-MoS₂-3 photoelectrode.

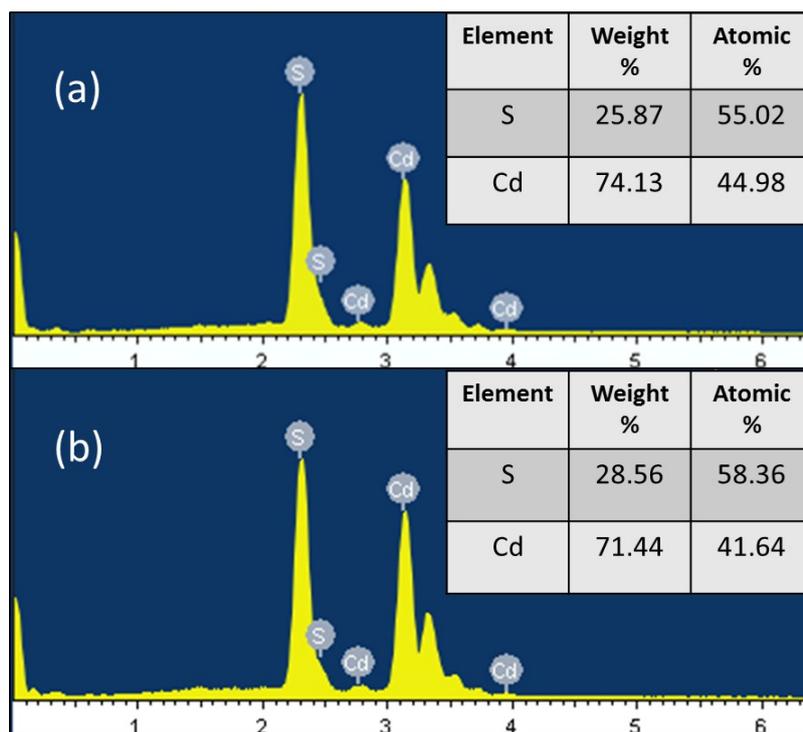


Fig. S2. EDS results of CdS-MoS₂-3 photoelectrode before(a) and after(b) photocatalytic.

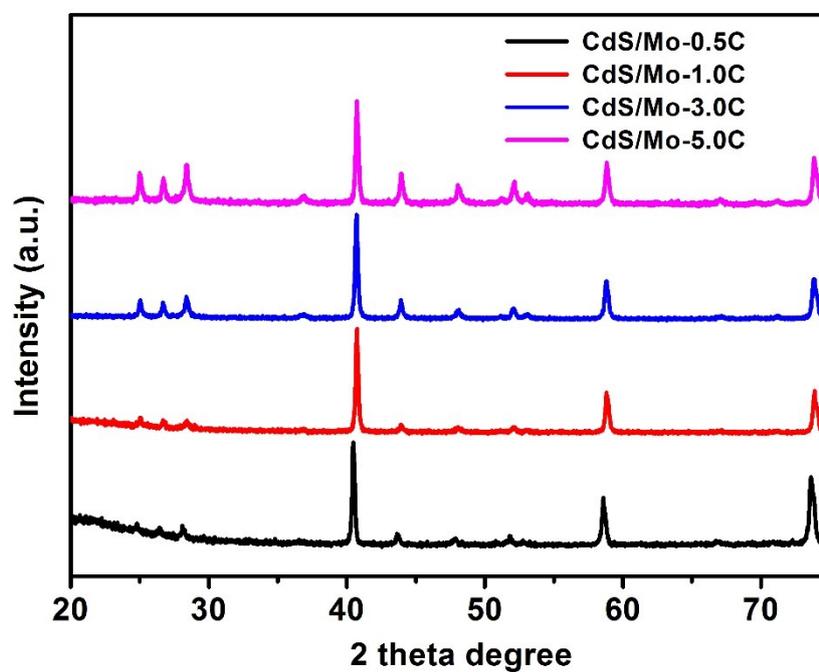


Fig. S3. XRD results of CdS/Mo photoelectrodes.

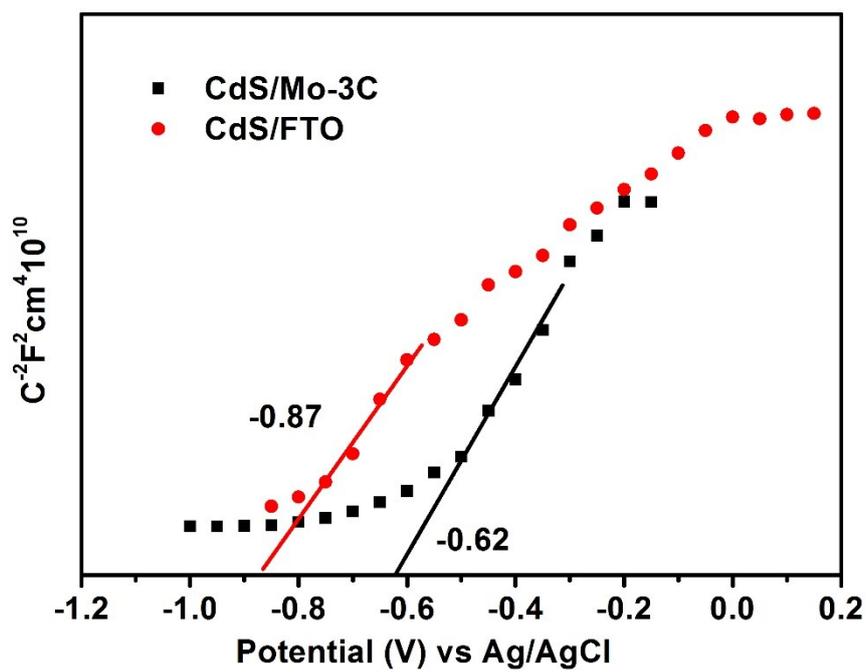


Fig. S4. Mott-Schottky plots of CdS/MoS₂ photoanode and CdS/FTO photoanode.

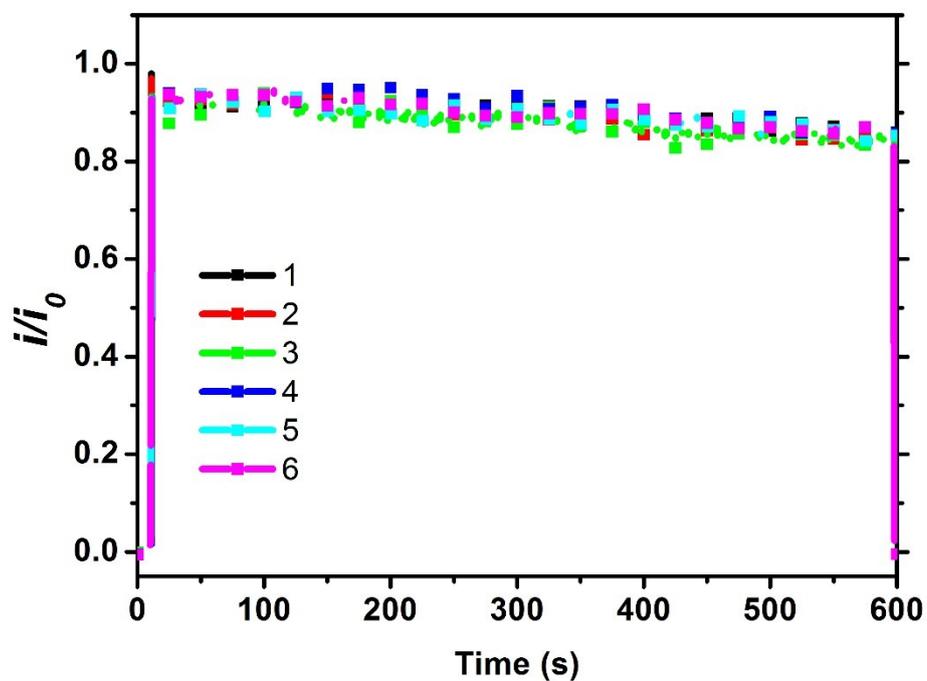


Fig. S5. Cycling test of PE HER.