

Supporting Information

Dendritic Ferroselite (FeSe_2) with 2D Carbon Based Nanosheets of rGO and g-C₃N₄ as Efficient Catalysts for Electrochemical Hydrogen Evolution

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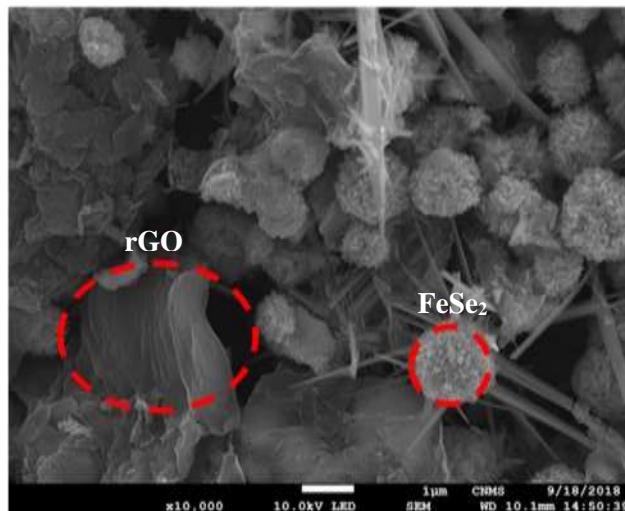


Fig. S1. FESEM image of FeSe_2/rGO

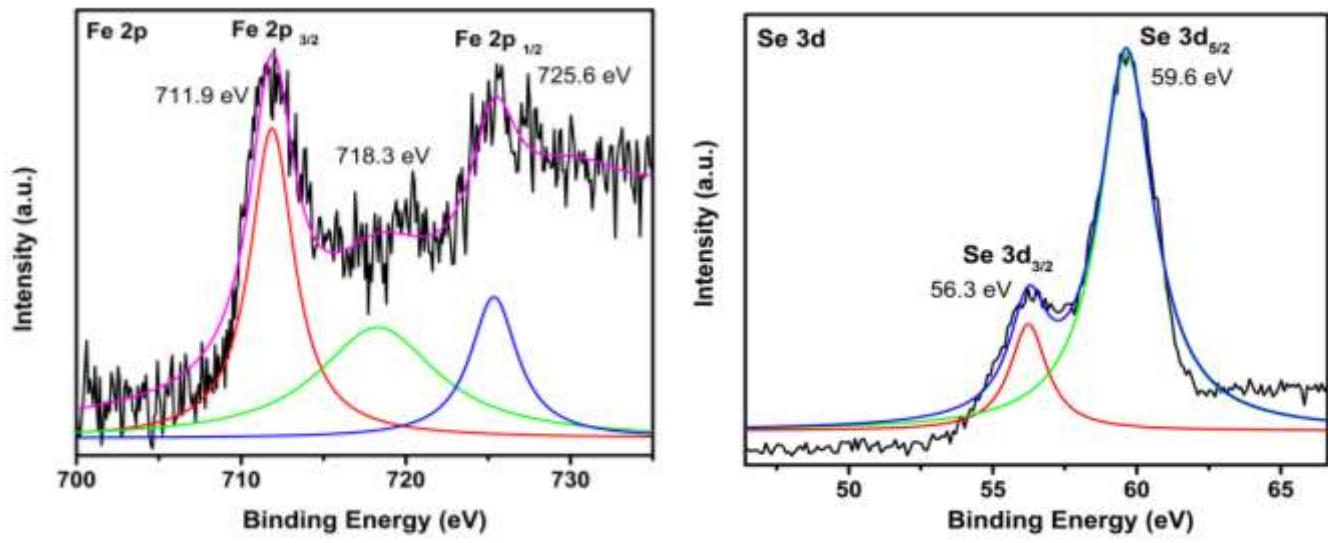


Fig. S2. XPS spectra of FeSe₂

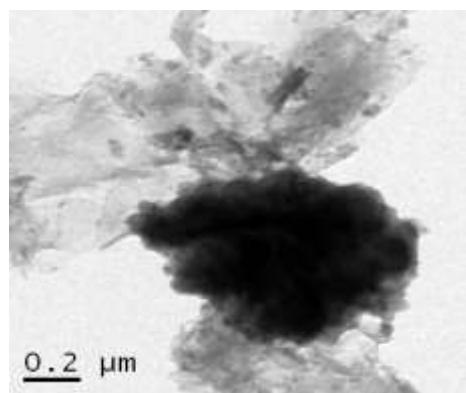


Fig S3. TEM image of FeSe₂/rGO

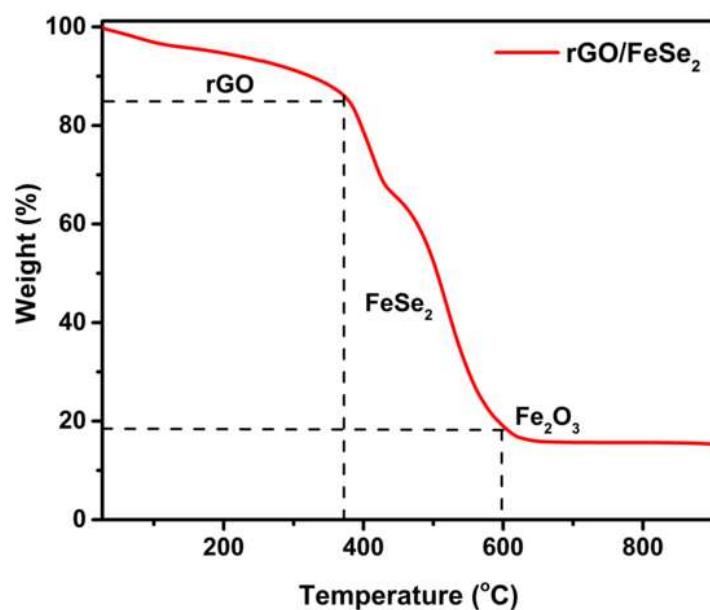


Fig S4. TGA curve for 2:8 rGO/FeSe₂ hybrid electro-catalyst

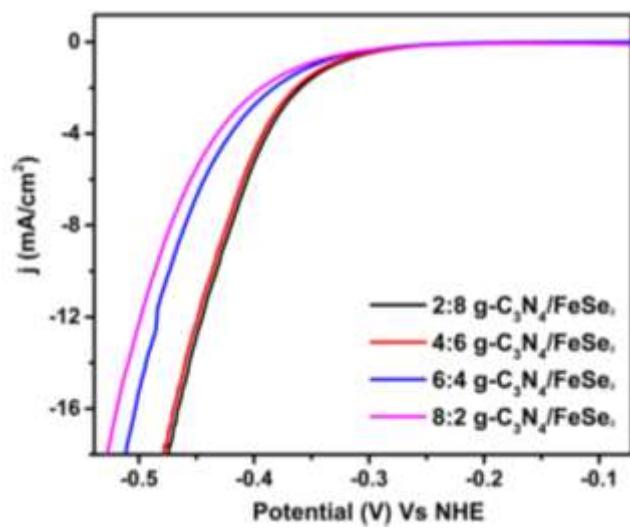


Fig S5. Mass loading of FeSe₂ on g-C₃N₄ in hybrid catalyst

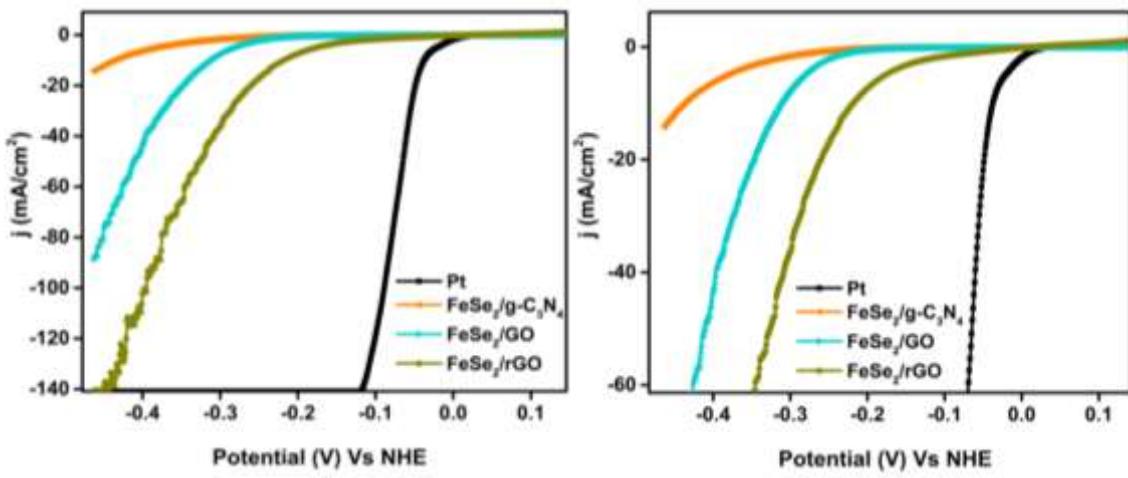


Fig S6. LSV polarization plot of $\text{FeSe}_2/\text{g-C}_3\text{N}_4$, FeSe_2/GO and FeSe_2/rGO

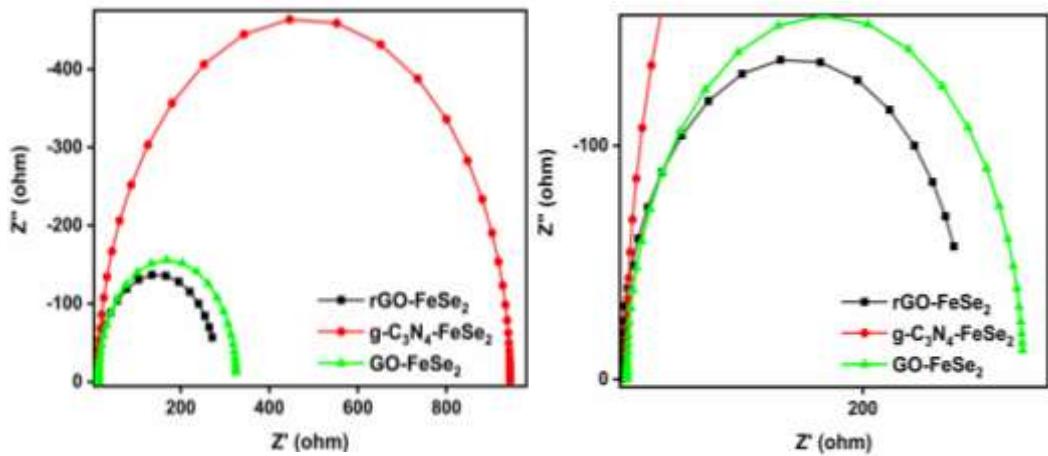


Fig S7. Impedance spectra of rGO/FeSe₂, g-C₃N₄/FeSe₂ and GO/FeSe₂ composite

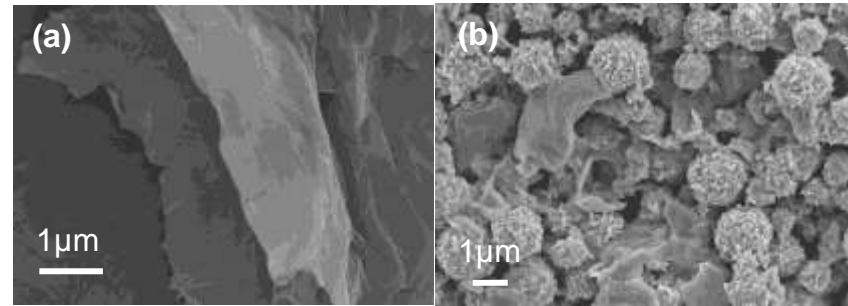


Fig S8. FESEM images of (a) GO and (b) GO/FeSe₂

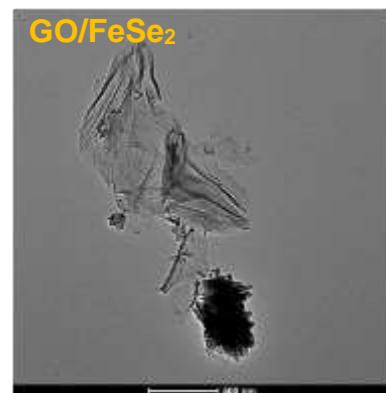


Fig S9. TEM image of GO/FeSe₂