

Supplementary Information

Creation of Oxygen Vacancy to Activate WO₃ for Higher Efficiency Dye-Sensitized Solar Cells

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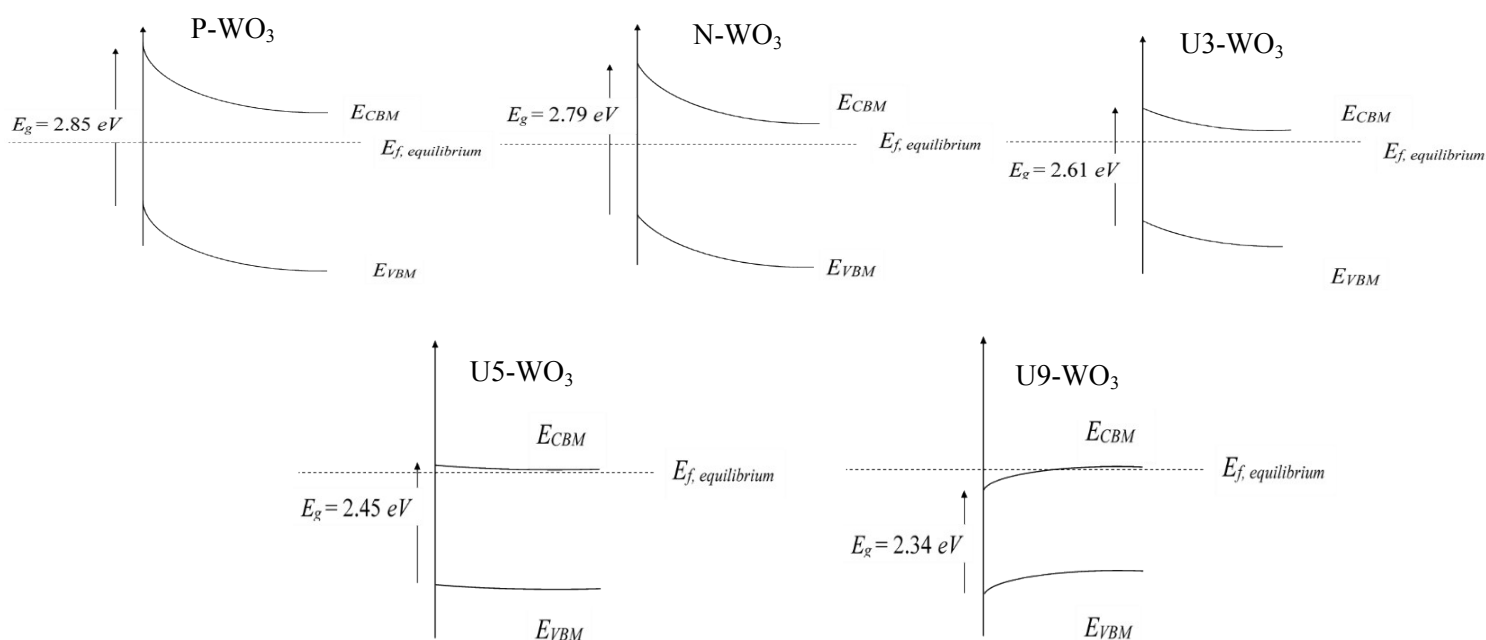


Figure S1. Band structure diagrams at the interface between the P-WO₃/iodide-triiodide electrolyte, N-WO₃/iodide-triiodide electrolyte, U3-WO₃/iodide-triiodide electrolyte, U5-WO₃/iodide-triiodide electrolyte and U9-WO₃/iodide-triiodide electrolyte.

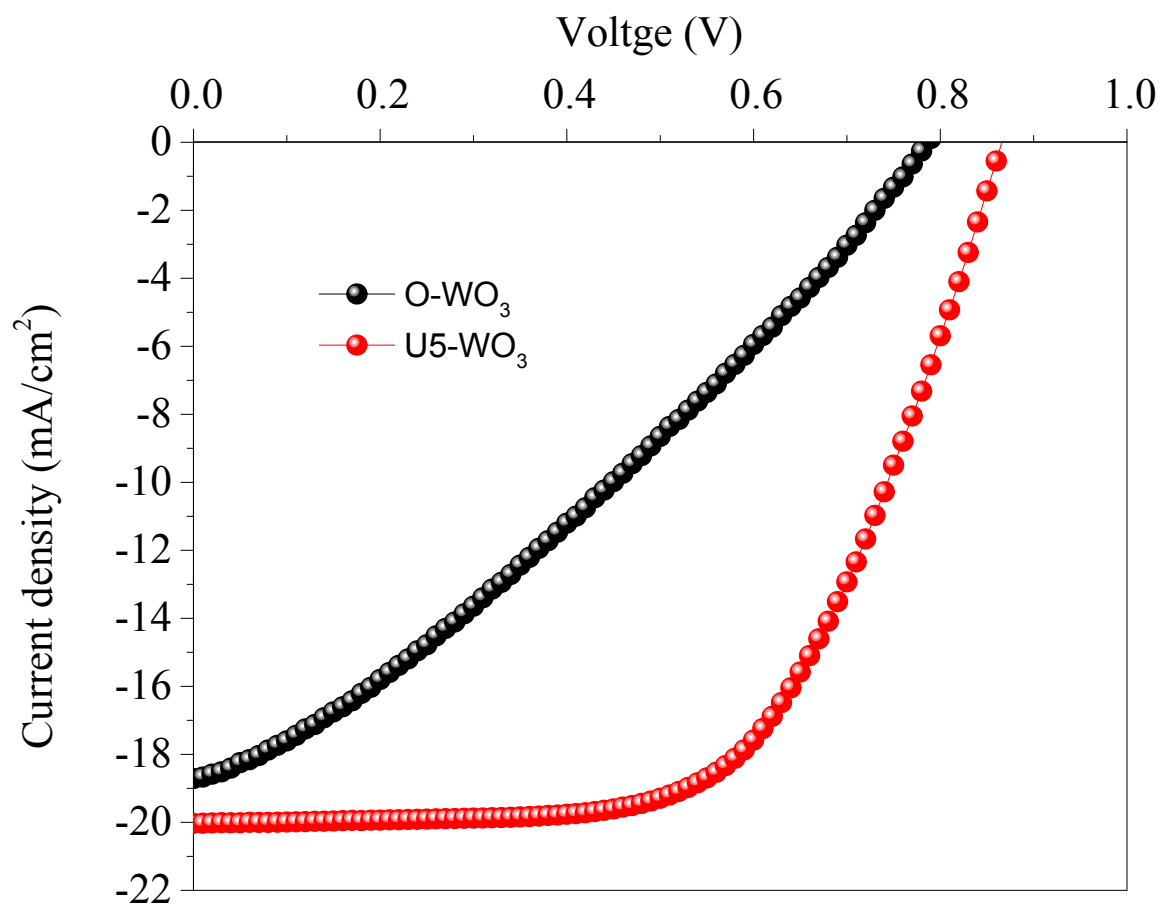


Figure S2. J-V curves of DSSC device fabricated with U5-WO₃ and O-WO₃ CEs