

Supporting Information

Multifunctional Two-dimensional Perovskite Solar Cells for Photodetector and Resistive Switching

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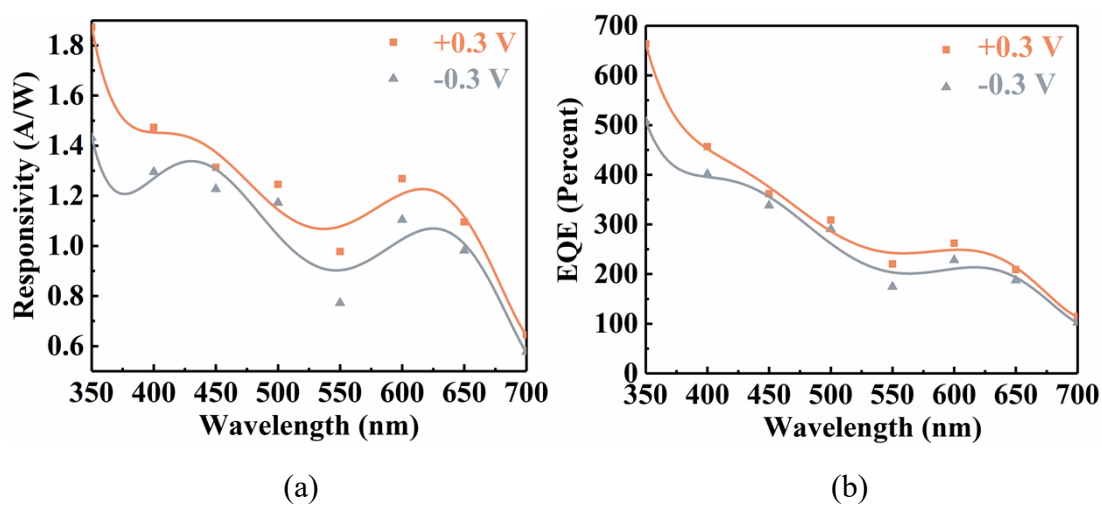


Figure S1. (a) Responsivity and (b) EQE spectra measured under +0.3 V, and -0.3 V of BA ($n = 4$) device.

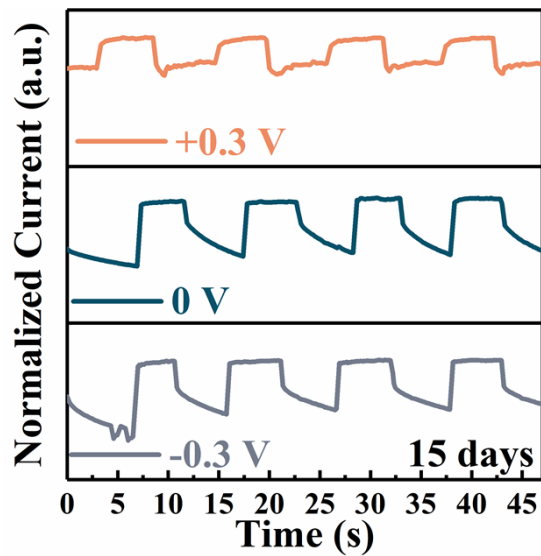


Figure S2. Photocurrent response (2.2 mW/cm^2 , 5 s duration, after 15 days).

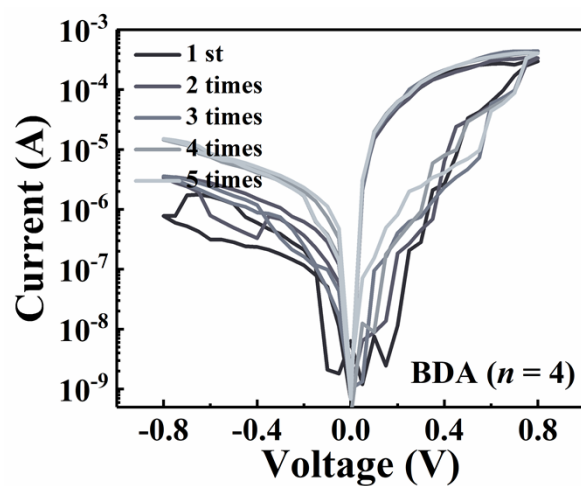


Figure S3. Cycle test of the BDA ($n = 4$) device.

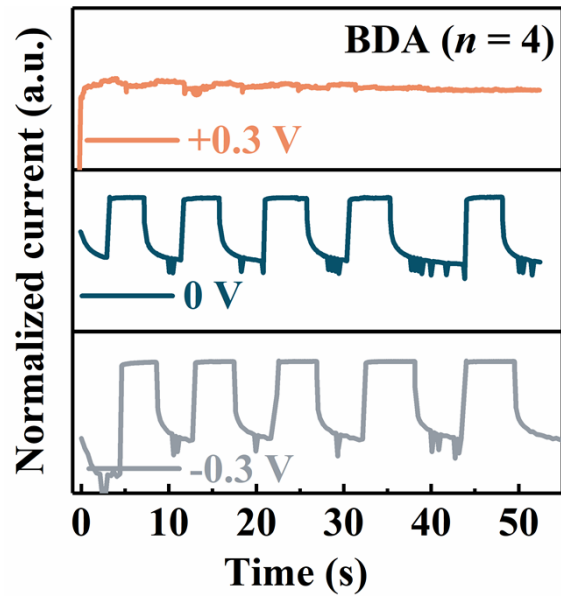


Figure S4. Photocurrent response upon light pulses (2.2 mW/cm^2 , 5 s duration) of the BDA ($n = 4$) device.