

Electronic Supplementary Information for

Organic Solar Cells. Supramolecular Composites of Porphyrins and Fullerenes Organized by Polypeptide Structures as Light Harvesters

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Table of Contents:

- S1. Photocurrent and photovoltage response of the OTE/SnO₂/(P(H₂P)₈+C₆₀)_m electrode
- S2. Transient absorption spectra of (P(H₂P)₁+C₆₀)_m

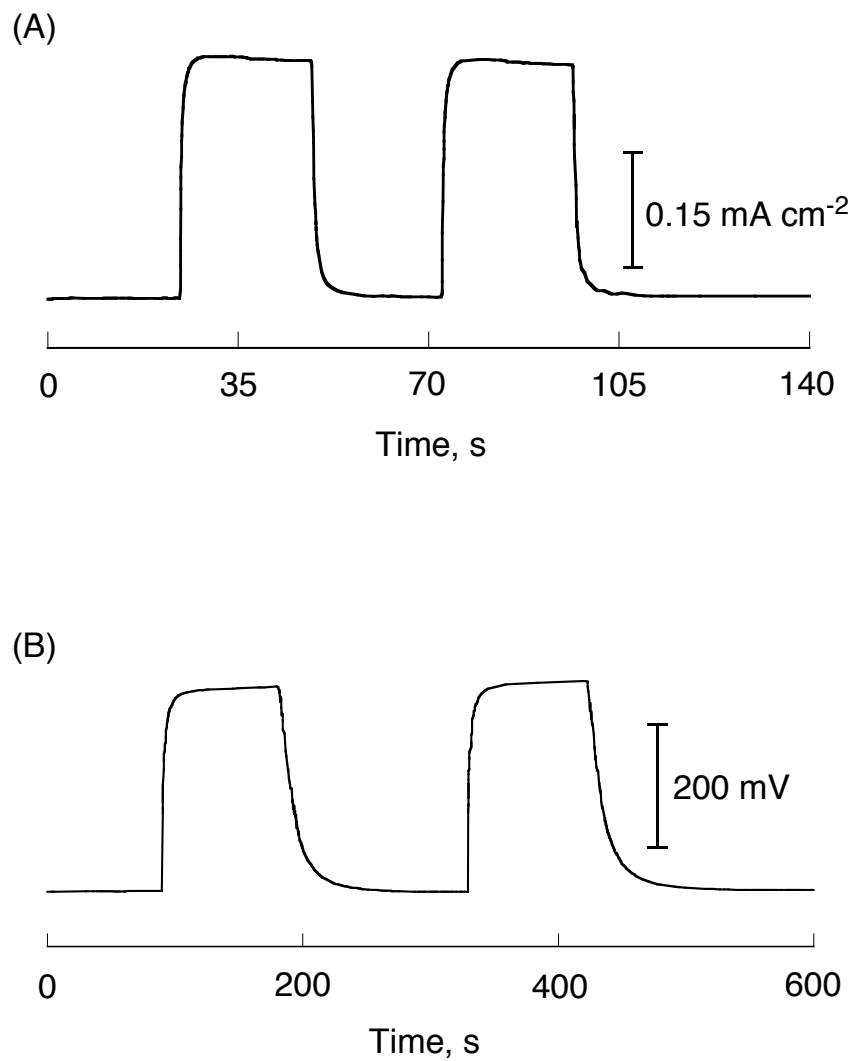


Fig. S1. (A) Photocurrent response and (B) photovoltage response of the OTE/SnO₂/(P(H₂P)₈+C₆₀)_m electrode prepared from cluster solution of ([P(H₂P)₈] = 0.024 mM; [C₆₀] = 0.31 mM) under visible light illumination ($\lambda > 400$ nm); electrolyte 0.5 M NaI and 0.01 M I₂ in acetonitrile; input power: 3.4 mW/cm².

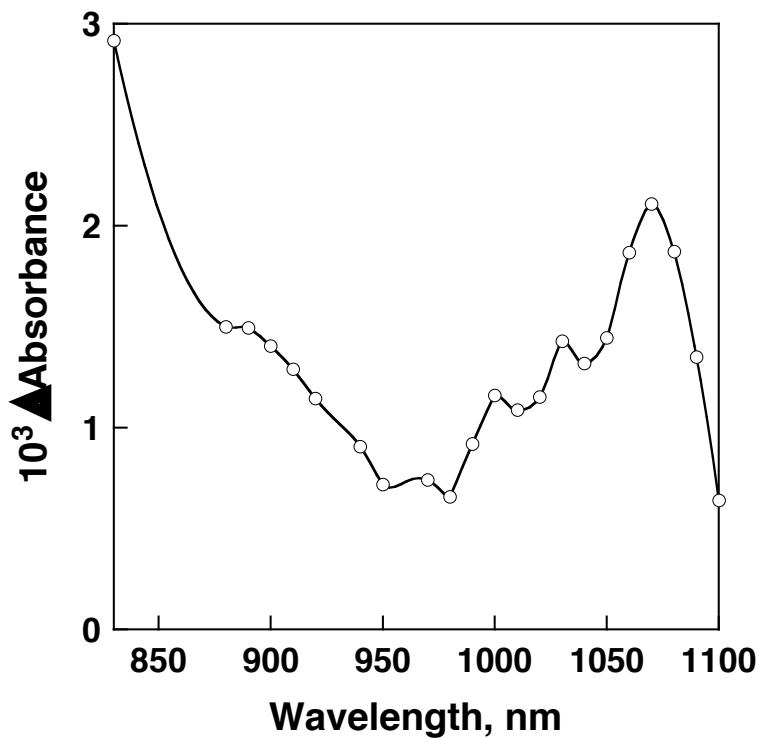


Fig. S2. Transient absorption spectra of $(P(H_2P)_1+C_{60})_m$ ($[P(H_2P)_1] = 0.036$ mM; $[C_{60}] = 0.062$ mM) in argon-saturated acetonitrile/toluene (3/1, v/v) at 298 K taken at 18 μ s after laser excitation at 355 nm (4 mJ/pulse).