

Supplementary Information

Behaviour of one-step spray-coated carbon nanotube supercapacitor in ambient light harvester circuit with printed organic solar cell and electrochromic display

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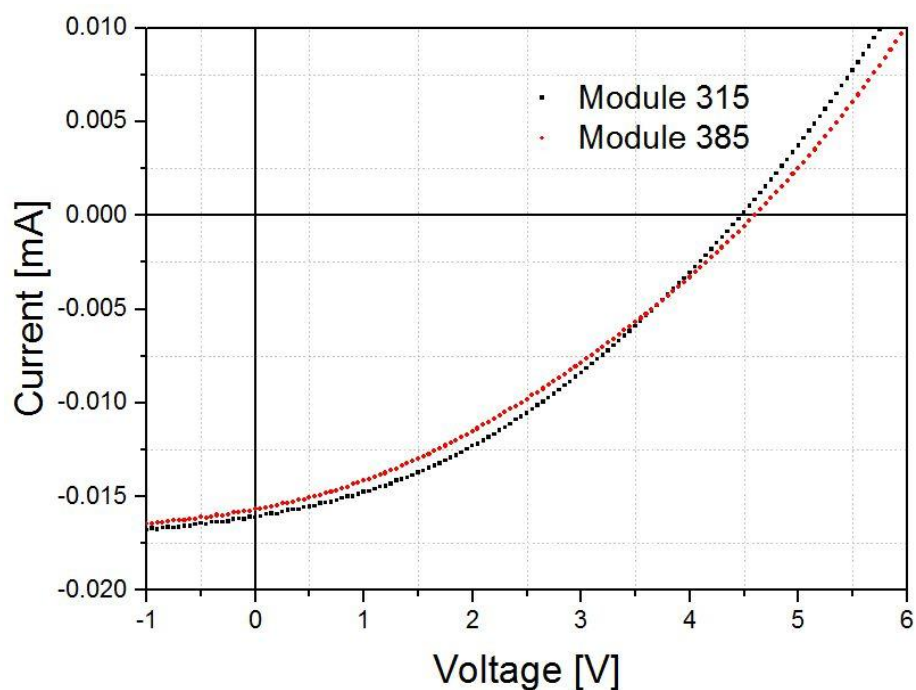


Figure S1. The current-voltage characteristics of two OPV modules used in this work. OPV module fabrication and characterization details are reported in [1].

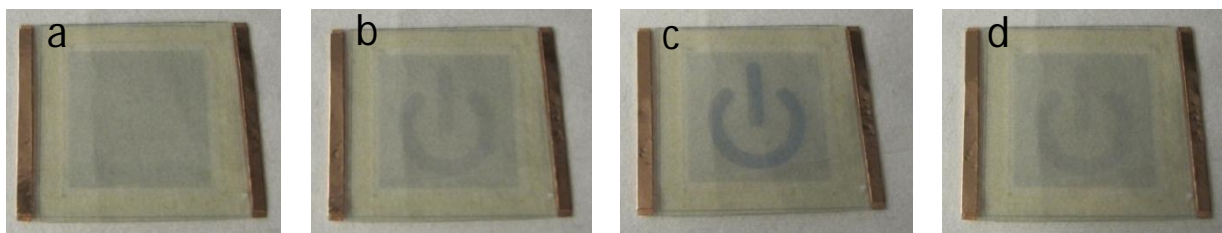


Figure S2. Electrochromic display (ECD) switching behavior and stability. External voltage supply was for switching here. a) Display before the experiment (in OFF state). b) Display switched ON using 0.5 V potential. c) Display switched ON using 1 V potential. d) Display after 5 minutes waiting from switching at 1V. The ECD was obtained from Ynvisible.



Figure S3. Photograph of the LUX-meter used for illuminance measurement in this work.

Supplementary information references

- [1] Apilo, P., Hiltunen, J., Välimäki, M., Heinilehto, S., Sliz, R., & Hast, J. (2014). Roll-to-roll gravure printing of organic photovoltaic modules—insulation of processing defects by an interfacial layer. *Progress in Photovoltaics: Research and Applications*.