Electronic Supplementary information

Durable organic solar cells produced by in-situ encapsulation of an air-sensitive natural organic semiconductor by the fullerene derivative and the metal oxide layer

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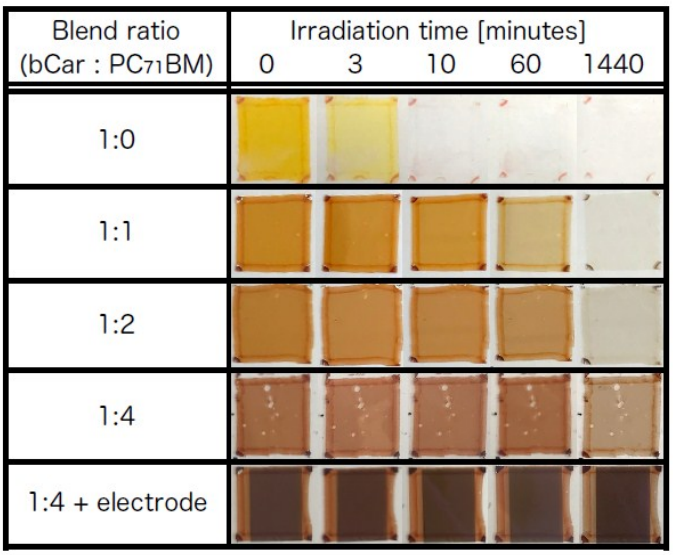

Figure S1: bCar and bCar:$PC_{71}BM$ thin films exposed to continuous irradiation under 1 sun for up to 24h.

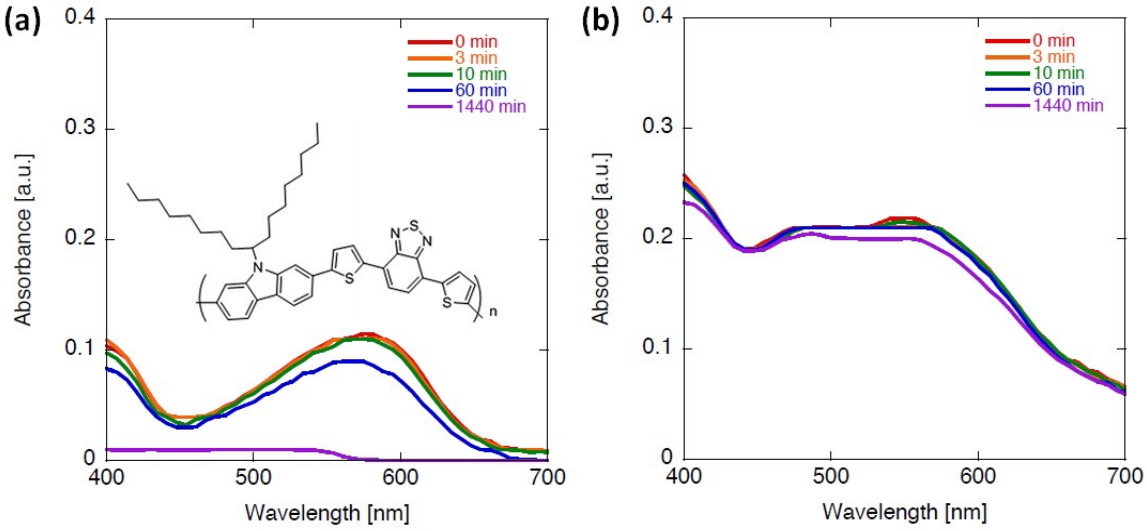

Figure S2: Absorption spectra of (a) PCDTBT and (b) PCDTBT:$PC_{71}BM$ (1:4) thin films under continuous irradiation at 1 sun for up to 24h.

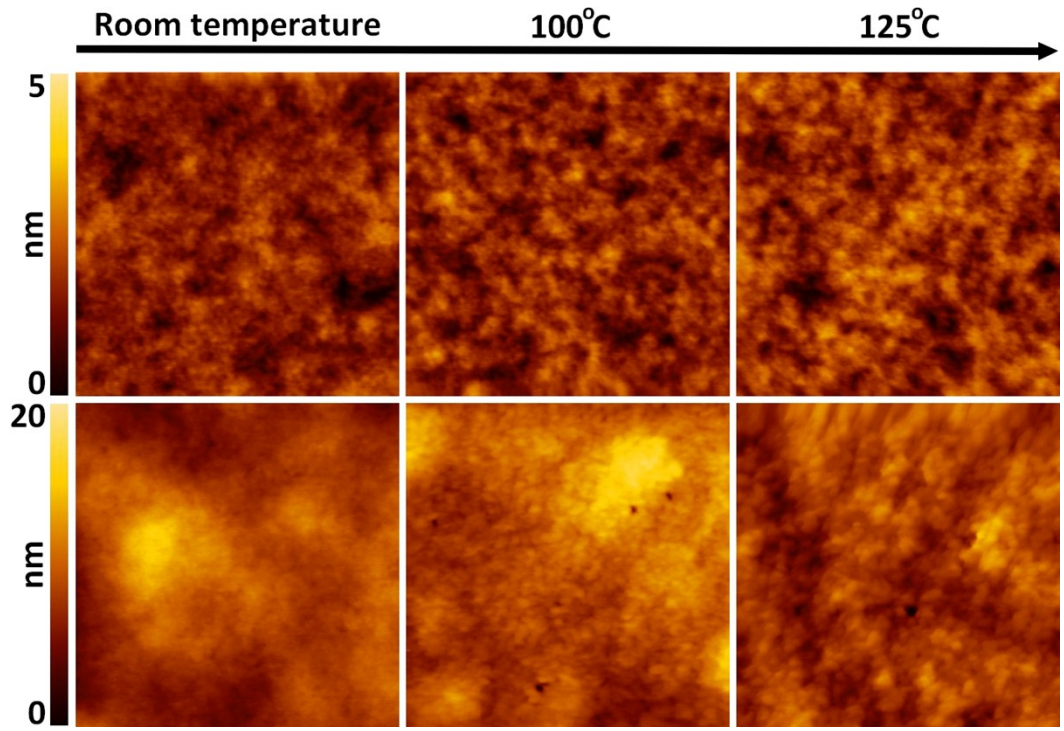

Figure S3: AFM images of (top) bCar:$PC_{71}BM$ and (bottom) PCDTBT:$PC_{71}BM$ active layers annealed at increasing temperatures.

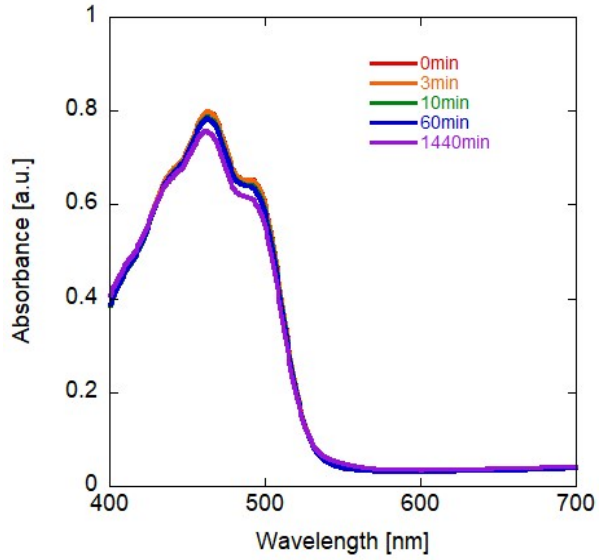

Figure S4: Absorption spectra of encapsulated bCar thin films under continuous irradiation at 1 sun for up to 24h.