

Enhanced Photovoltaic Performance of Inverted Polymer Solar Cells by Incorporating Graphene Nanosheet/AgNPs Nanohybrids

Yu-An Su¹, Wei-Chen Lin², Hsing-Ju Wang¹, Wan-Hua Lee², Rong-Ho Lee^{2*},

Shenghong A. Dai², Chi-Fa Hsieh³, and Ru-Jong Jeng^{1*}

¹ Institute of Polymer Science and Engineering, National Taiwan University, Taipei

106, Taiwan

² Department of Chemical Engineering, National Chung Hsing University, Taichung

402, Taiwan

³ Chung-Shan Institute of Technology, Lungtan, Taoyuan 325, Taiwan

*Corresponding authors. RHL, Tel.: +886-4-2285-4308; Fax: +886-4-2285-4734; RJJ,

Tel.: +886-2-3366-5884; Fax: +886-2-3366-5237

E-mail: rhl@nchu.edu.tw (RHL), rujong@ntu.edu.tw (RJJ)

Supporting Information

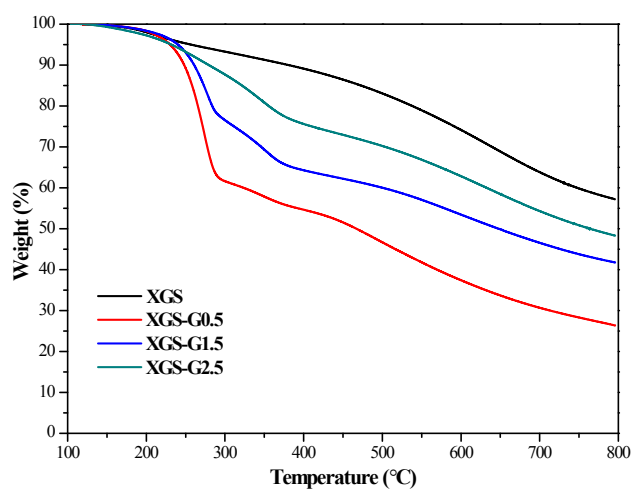


Figure S1. TGA thermograms of XGS and XGS-derivatives.

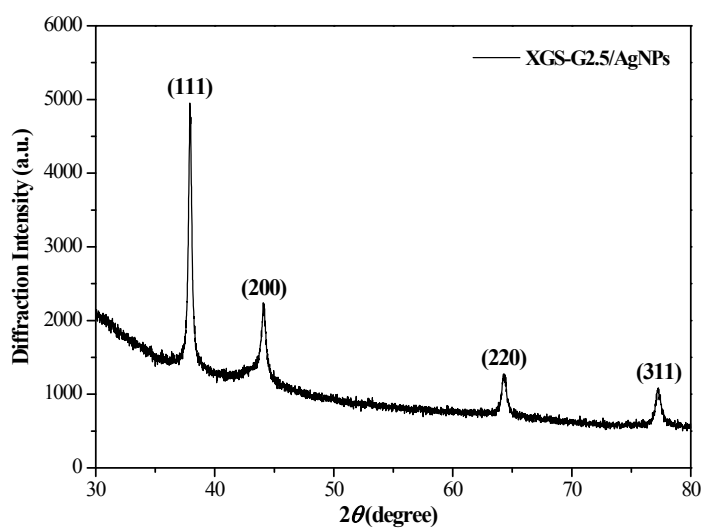


Figure S2. X-ray diffraction pattern of XGS-G2.5/AgNPs.