Supplementary Information

Energy from trash: A flexible, facile, and robust triboelectric nanogenerator based on waste polystyrene and application as a human-machine interface

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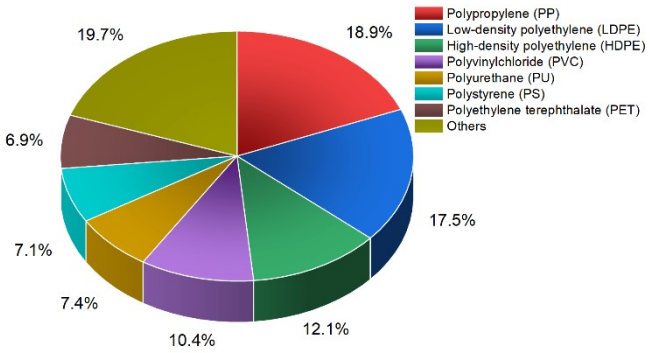

Figure S1 Global demand for the most popular plastic products [1].

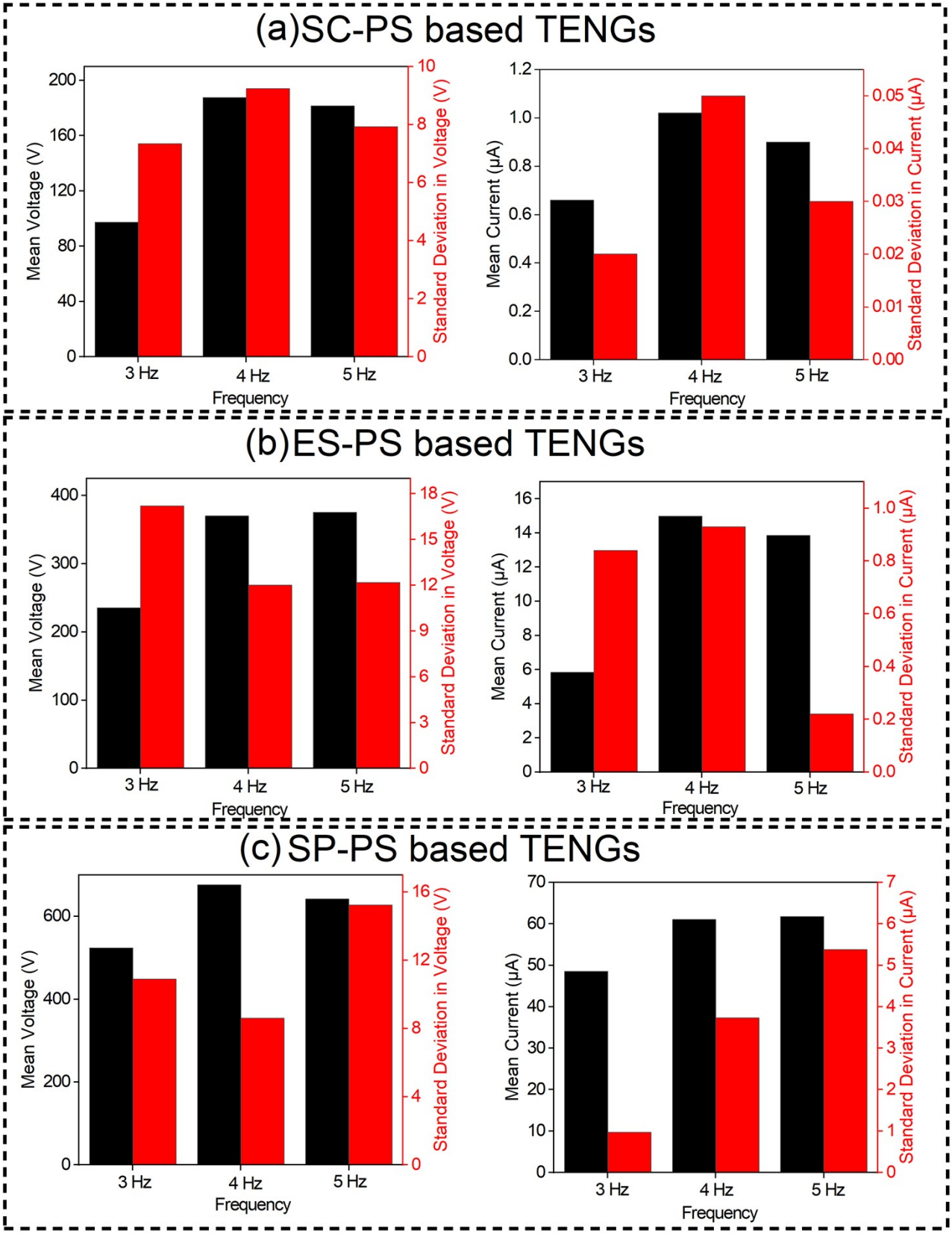

Figure S2 The mean and SD of triboelectric outputs of (a) SC-PS-based TENGs, (b) ES-PS-based TENGs, and (c) SP-PS-based TENGs.

File name: supporting video V1

Description: The real-time video demonstration of the wireless remote-controlled car.

Reference

1. Yu, J., et al., Thermal degradation of PVC: A review. Waste management, 2016. **48**: p. 300-314.