

Supplementary Materials

A Stackable Triboelectric Nanogenerator for Wave-Driven Marine Buoys

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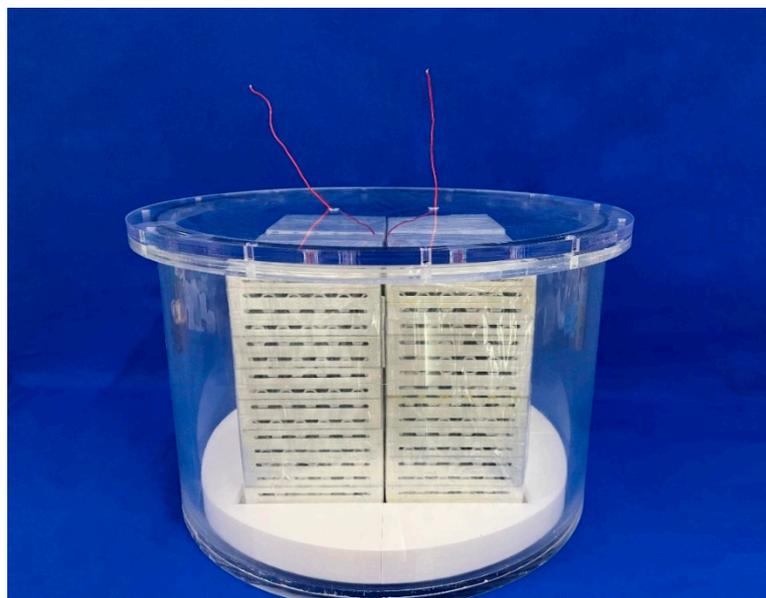


Figure S1. Photograph of the S-TENG.

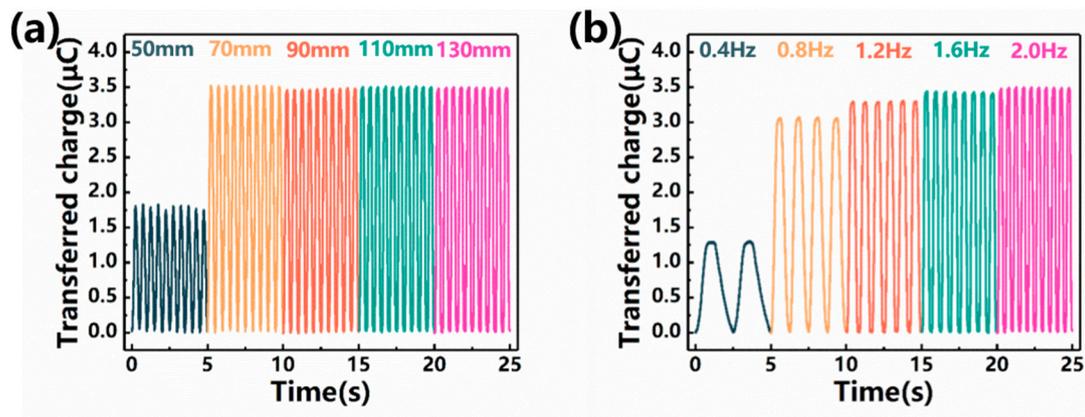


Figure S2. The transferred charge time series (a) variation with the vibration amplitude (b) variation with the vibration frequency (corresponding to Figure 3 (a,b)).

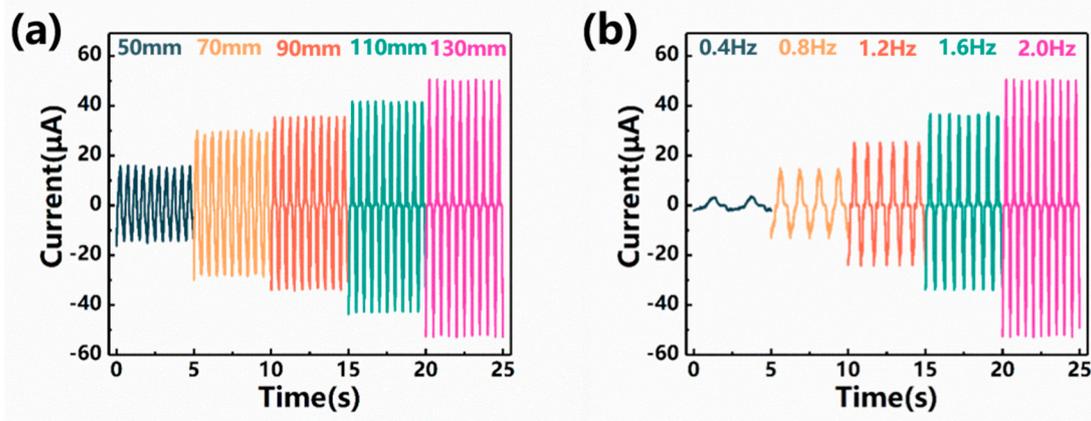


Figure S3. The short circuit current time series (a) variation with the vibration amplitude (b) variation with the vibration frequency (corresponding to Figure 3 (d, e)).

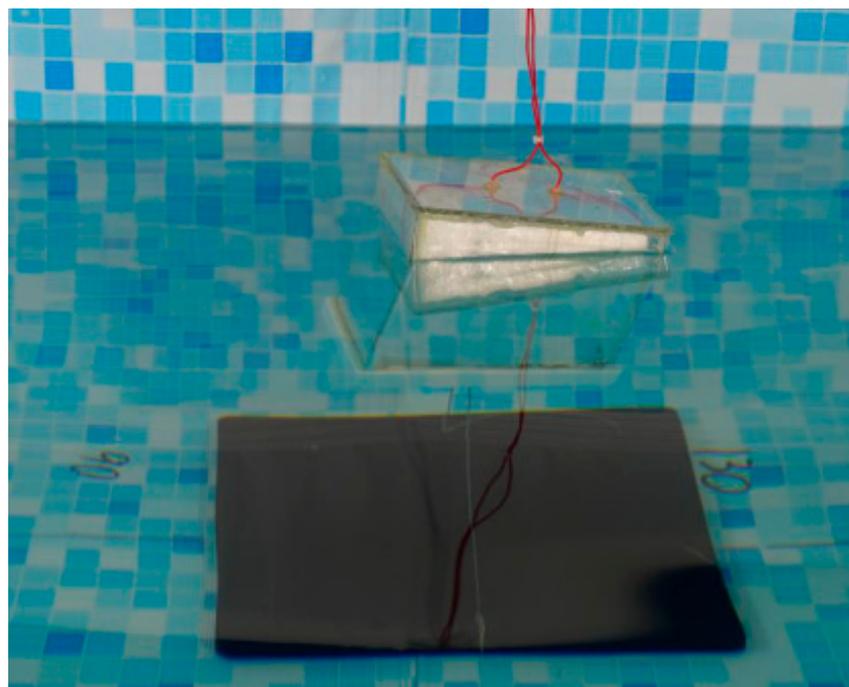


Figure S4. Photograph of the S-TENG in the test basin.

The following demo videos are also uploaded:

Supplementary Video S1: 350 LEDs lighted up by the S-TENG.

Supplementary Video S2: The S-TENG driving temperature sensor in water

Supplementary Video S3: The S-TENG driving PH sensor in water

Supplementary Video S4: The S-TENG driving salinity sensor in water