Electronic Supplementary Material (ESI) for RSC Advances.

Hybrid electromagnetic and leaf-shaped polytetrafluoroethylene triboelectric with arc-shaped braces structure for energy harvesting

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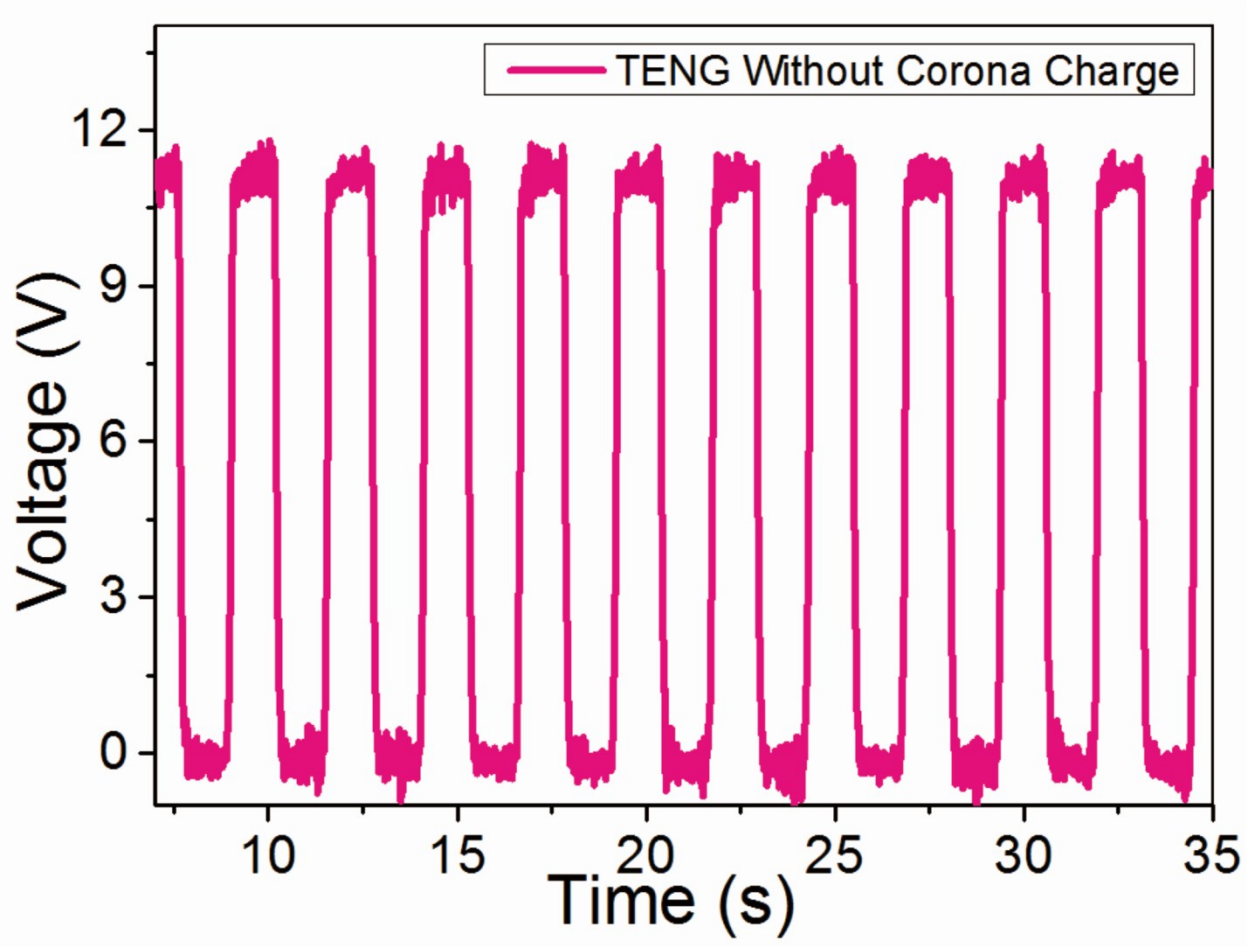

Figure S1. Measurement results of TENG in the hybrid structure, V_{oc} from the leaf-shaped PTFE electret film without corona charge.

Table S1. In comparison with our work and other group's work of the hybrid energy harvester.

Items	Mechanism	Output voltage
Reference [18]	Triboelectric/Electromagnetic	0.5 V, 6 coils with 113 cm^2 from magnetic; 200 V with 56 cm^2 from Triboelectric;
Reference [19]	Piezoelectric/triboelectric	320 mV from Piezoelectric; 20 V from Triboelectric;
Reference [20]	Photoelectric/triboelectric	Triboelectric enhanced up to 0.6 V;
Our work	Triboelectric/Electromagnetic	0.25 V at 1 cm^2 coil from magnetic; 24 V with 4 cm^2 from Triboelectric.