

Supporting Information

Transition Metal Chalcogenides as Emerging Triboelectric Materials for High-Performance Energy Harvesting Devices

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S1: Surface potential test of VS₄



Figure S1. Surface potential measurement of VS₄ with an electrostatic voltmeter and a photograph shows the surface potential value of + 1.17 kV.

S2: Long-term stability test of VS₄-TENG with machine tapping for 8,500 cycles.

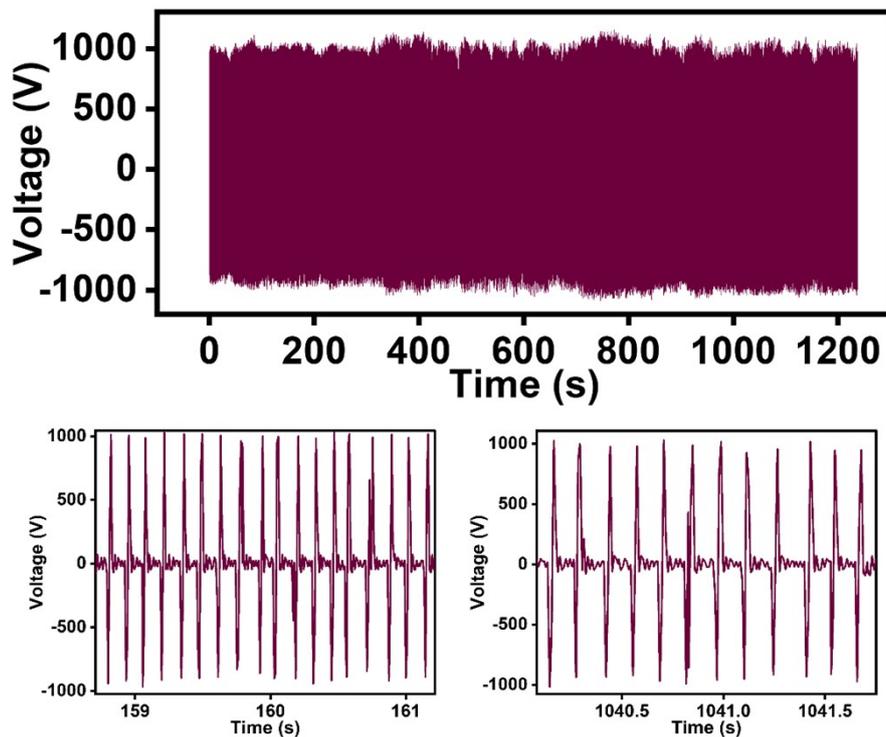


Figure.S2 VS₄-FEP based TENG responses over 8,500 machine cycle tapping and magnified view of few cycles from stability

S3: VS₄ TENG output with different applied force by fingers

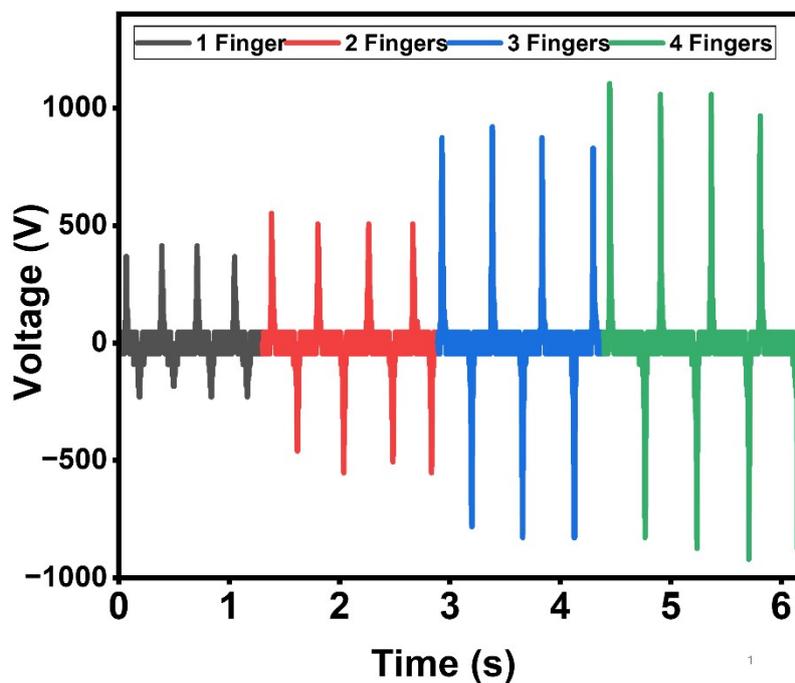


Figure S3. Force-dependent voltage response of the VS₄-TENG under one- to four-finger pressing