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Title: A Wearable Energy Harvester Unit using Piezoelectric-Electromagnetic Hybrid Technique

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Highlights: -This manuscript presents a new energy harvester that is suitable for wearable devices. - It combines electromagnetic and piezoelectric energy harvesters in one unit to harvest energy simultaneously from both transducers. - The design in this paper takes into account the attributes of both electromagnetic and piezoelectric energy harvesters to produce high output currents and high voltages for an efficient power generation method for wearable energy harvesting systems. - Detailed experimental results are presented

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