

Source	Typical data	Harvester/Power source	Sampling period	Power consumption	Full autonomy condition
Torah et al. (2008)	3-axis acceleration	electrodynamic vibration	3 s	21.3 $\mu$ W	vibration (52 Hz, 0.6 m s <sup>-2</sup> rms)
Torfs et al. (2013)	strain, 3-axis acceleration	battery	60 s (strain only)	274 $\mu$ W (strain only)	n/a
Elfrink et al. (2015)	pressure	electrostatic vibration	60 s	3.5 $\mu$ W	inside a car wheel @ 33 km h <sup>-1</sup>
EnOcean (2017)* ECO200 & PTM300	1 data telegram (module ID, status, etc.)	electrodynamic manual activation (push button)	n/a	n/a (120 $\mu$ J/activation)	2.7 to 3.9 N actuation force
TI SensorTag (2017)*	$T$ , RH, luminosity, 3-axis acceleration, magnetic field, etc.	battery	1 s	69 $\mu$ W	n/a
Yue et al. (2017)	CO <sub>2</sub> concentration	photovoltaic light	150 s	101 $\mu$ W (incl. 10 $\mu$ W for PMU)	indoor (200 lux)
Present work	$T$ , RH, luminosity and state-of-charge	photovoltaic light	60 s	8.8 $\mu$ W (incl. 5 $\mu$ W for PMU)	indoor (200 lux)

\* Commercial specification