

Who developed the energy harvesting and storage system?

A.E.O. developed the energy harvesting and storage system and performed its electrical characterization. Y.K. performed the pulse oximetry measurements. A.E.O. and A.M.G. wrote the manuscript. All authors discussed the results and commented on the manuscript. The authors declare no competing financial interests.

Should energy harvester and battery & load devices be physically integrated?

Furthermore, taking advantage of the many recent advances in flexible electronics technology, the energy harvester, battery and load devices should be physically integrated into a single user-friendly flexible package.

Are flexible thin-film rechargeable batteries suitable for energy harvesting and storage?

To date, several flexible thin-film rechargeable battery chemistries and architectures 9, 14, 15, 16, 17, 18 and energy harvesting technologies 19, 20, 21, 22 have been reported. However, an effective energy harvesting and storage system requires not only high-performing individual components, but also good compatibility between components.



# Introduction to haineng electronics energy storage products

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