

Energy management in wsn



Overview

Therefore, to overcome the energy depletion in sensor nodes, it is important to study the energy management issue in WSN. In this chapter, the significance of energy management issue is discussed first, and then the possible energy management strategies for WSN are presented and illustrated. consumption and maximize the life time of the network. The development of communication techniques from single hop to multi hop and then the use of. To overcome this issue, this paper proposes an Optimized Explicit Feature Interaction-Aware Graph Neural Network based Efficient Energy Management in Wireless Sensor Networks (OEFIA-GNN-EEM-WSN). We introduce an enhanced fuzzy spider monkey optimization technique and a hidden Markov model-based clustering algorithm for selecting cluster heads.

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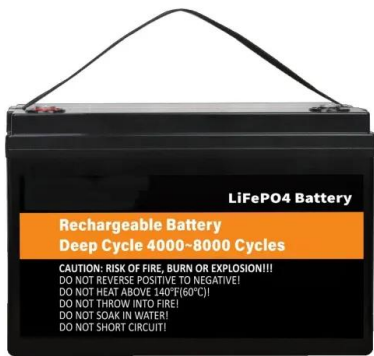
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The aim of this paper is to provide an advanced WSN solution for power-sustainable energy management and efficient communication, integrating the latest develop



Energy Management Techniques in WSN: A Brief Review

techniques in wireless sensor network is presented. The main aim of energy management technique is to collect and aggregate data in an effective manner, so that life time is enhanced. The pos



Energy Efficiency and Power Management in Wireless Sensor Networks...

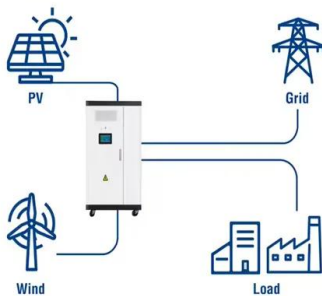
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Energy Management in Wireless Sensor Network

In this chapter, the significance of energy management issue is discussed first, and then the possible energy management strategies for WSN are presented and illustrated.



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