Reviewer #1: The authors present an interesting article on Reconfigurable Battery Systems, however, there are some concerns that should be addressed to improve the quality of the manuscript:   
\*    The authors should explain the most important achievements of the proposed method quantitatively, in the abstract.   
\*    The literature review in the introduction section is very short, and the related works, especially the works published in recent years, have not been well reviewed and compared, and the conclusions about the existing research gaps have not been presented.   
\*    It is necessary for the authors to clearly state research contribution and achievements as bullet points at the end of the Introduction section.   
\*    The authors need to present the complexity of their proposed method and compare it with some other state-of-the-art or successful classic methods.   
\*    The authors don't discuss the **limitations of the study** correctly.   
\*    Some typos should be double check.   
\*    The author should explain more why solution quality of their proposed approach is much better than the others?   
\*    Authors should mention some novel works in the field in the introduction, specially refer to this 2023 reference: An efficient lightweight algorithm for scheduling tasks onto dynamically reconfigurable hardware using graph-oriented simulated annealing, which uses graph-based method. Mention and refer to it in the introduction section.   
\*    Authors need to explain about the accuracy, sufficiency and reliability of their results? How do they verify and validate the results?