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BookName:	CurrentApproachesinEngineeringResearchand Technology
ManuscriptNumber:	Ms_BPR_1892
Titleof the Manuscript:	Determinationofthevariationinpowerdissipatedbytherollingresistanceofaphotovoltaicelectricvehicleprototypebyvaryingthe massunderSahelianclimateconditions
TypeoftheArticle	Bookchapter

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PART1:ReviewComments

Compulsory REVISIONcomments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write few sentences regarding the importance of this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript is important for the scientific community as it offers insights into the behavior of electric vehicles under Sahelian climate conditions. It examines how varying the vehicle's mass affects the power lost due to rolling resistance, which is crucial for improving energy efficiency. I like this manuscript because it uses a detailed experimental approach to address a practical issue in renewable energy technology.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "Determination of the variation in power dissipated by the rolling resistance of a photovoltaic electric vehicle prototype by varying the mass under Sahelian climate conditions" is descriptive but somewhat lengthy. A more concise and engaging title could be:</p> <p>"Impact of Mass on Rolling Resistance Power Loss in Photovoltaic Electric Vehicles Under Sahelian Conditions".</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Suggestions for Revision:</p> <ol style="list-style-type: none"> Clarify the Purpose: Explicitly state the main objective of the study. Highlight Key Methods: Summarize the methods used more succinctly. Summarize Key Findings: Highlight the main findings of the study briefly. Reduce Redundancy: Remove repetitive or overly detailed information. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript includes sections such as the abstract, introduction, methodology, results, discussion, and conclusion, which are standard in scientific papers. However, here are some suggestions to improve the structure:</p> <ol style="list-style-type: none"> Abstract: The abstract could be shortened to focus on key findings and the significance of the study. Introduction: Ensure that the introduction provides a clear background, the problem statement, and the objectives of the study. Methodology: The methodology section is detailed and provides a clear explanation of the experiments conducted. Results and Discussion: These sections are comprehensive but could benefit from more concise presentation of data and clearer separation between results and their interpretation. Conclusion: The conclusion effectively summarizes the findings but could be expanded to include recommendations for future research. <p>Overall, the structure is logical and well-organized, but some sections could be refined for clarity and conciseness.</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically</p>	<p>This manuscript is scientifically robust and technically sound because it employs a rigorous experimental methodology to investigate the power dissipated by rolling resistance in a photovoltaic electric vehicle. The use of precise measurements and data analysis tools such as</p>	

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<p>sound? Minimum 3-4 sentences may be required for this part.</p>	<p>MATLAB ensures the accuracy and reliability of the findings. Additionally, the study considers critical factors like tire inflation pressure, speed, and vehicle mass, which are essential for a comprehensive understanding of rolling resistance.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :</p>	<p>The references listed in this manuscript cover a broad range of studies relevant to the topic, including recent publications up to 2023. The references are sufficient and encompass key areas such as vehicle dynamics, rolling resistance, and electric vehicle performance. However, to further strengthen the manuscript, it may be beneficial to include more recent studies specifically focusing on photovoltaic electric vehicles and their performance under varying climate conditions. This would provide additional context and support for the study's findings.</p>	
<p><u>Minor REVISION</u> comments</p> <p>Is language/English quality of the articles suitable for scholarly communications?</p>	<p>The language and English quality of the article are generally suitable for scholarly communication, but there are areas that could benefit from refinement for clarity, conciseness, and readability. Here are a few suggestions:</p> <ol style="list-style-type: none"> 1. Ensure proper grammar, punctuation, and sentence structure throughout the manuscript. Some sentences are long and complex, which can be broken down for better readability. 2. Use technical terms accurately and consistently. Define any specialized terms or acronyms when they first appear in the text. 3. Simplify complex sentences and avoid unnecessary jargon. Make sure each sentence clearly conveys its intended meaning. 4. Eliminate redundant or repetitive phrases. Keep the text concise and to the point. 5. Ensure logical flow between sections and paragraphs. Use transition words and phrases to improve cohesion. 	
<p><u>Optional/General</u> comments</p>		

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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