

Review of: "Performance Evaluation and Analysis of Electric Vehicle Parameters – A Test Bench"

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Potential competing interests: No potential competing interests to declare.

The paper "Performance Evaluation and Analysis of Electric Vehicle Parameters - A TestBench" has many limitations that make this work not recommended for publication in the current form.

The paper describes the developed model but does not provide any additional or useful information for the methodology to design the components of the EV (at least a sensitivity analysis or an optimization was expected).

In the current form, the novelty of the work is not clear. It must be clearly addressed and discussed. It should be helpful to compare the work with existing research in the literature.

A more comprehensive analysis is required in the Introduction. It seems like a list of disconnected phrases that do not sufficiently establish the importance of the analyzed field.

A more comprehensive analysis of the scientific literature is necessary in the Introduction. It is important to emphasize the original scientific contribution of the proposed paper compared to the relevant findings already reported in the literature. A reference list of 9 elements is absolutely insufficient.

Paragraph II features an unacceptable mistake for a manuscript of this kind. It is absolutely false that the WLTP will be introduced for the Euro 7 standard because it is already included in the Euro 6 homologation test.

The figures along the manuscript must be improved. Many figures feature a small font, and the axis labels should always be explained by providing the unit of measurement.

The grammar must be improved since many grammatical errors can be found along the manuscript.

The conclusions are unsatisfactory. It is necessary to analyze the numerical results thoroughly, discussing the scientific findings of the proposed paper and comparing them with the relevant literature.