

Review Form 1.6

Journal Name:	Asian Journal of Research and Reviews in Physics
Manuscript Number:	Ms_AJR2P_84248
Title of the Manuscript:	Development of Comfortable Umbrella with Fan by Using Solar Energy
Type of the Article	Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajr2p.com/index.php/AJR2P/editorial-policy>)

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PART 1: Review Comments

	<p>Reviewer's comment</p> <ul style="list-style-type: none">The Title is appropriate for the research but it should be added with word review.The Abstract is conciseThe introduction is well structured and articulated.The methodology is well spelt out and also appropriate.The results are well details and discussed properly.The conclusion is well constructed and structured.The references are well citedBut the references were not listed in the article very wellReferences 6 and 7 are not cited in the text of the article. <p>Note:</p> <ul style="list-style-type: none">The details drawing of the developed project was not addressed and revealed in the write up.IT SHOULD BE INCLUDED	<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>Compulsory REVISION comments</p>	<p>Page 2 This figure needs to be made bold and large. This figure needs to be made clear</p> <p>Page 2</p> <ul style="list-style-type: none">Battery voltage level indicatorCharge electricity from the solar cell into the batteryDischarge function to drive the fanProvide 5 voltages for the USB charging port <p>The bullet should be removed and replace with roman numarals figure as shown below:</p> <ol style="list-style-type: none">Battery voltage level indicatorCharge electricity from the solar cell into the batteryDischarge function to drive the fanProvide 5 voltages for the USB charging port <p>Page 2 Separate the value from the unit As shown below 5 V</p> <p>Page 3 Figures 2, 3, and 4 needs to be made bold and large. This figure needs to be made clear</p> <p>Page 3 Separate the value from the unit As shown below 1 C</p> <p>Separate the value from the unit As shown below 1,000 mAh</p> <p>Separate the value from the unit As shown below 1,500 mA at 18 V</p> <p>Page 4 This dottedted line should be removed (1)</p> <p>The equaton should be made align with the number</p> <p>Page 5 This dottedted line should be removed</p>	<p>Page 2 Figure 1 has been magnified more and made bold.</p> <p>Page 2</p> <p>Replace the bullet by Roman numerals.</p> <p>Page 2 Separate the values from their units in the paper.</p> <p>Page 3 Magnify figures 2,3, and 4 and make them clear.</p> <p>Page 3 Separate the values from their units in the paper.</p> <p>Page 4 The dotted line in the equation (1) has been removed and the equation has been aligned with the equation number.</p> <p>Page 5 The dotted line in the equation (2) has been removed.</p>

Comment [u1]: This dottedted line should be removed

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	<div>..... (2)</div> <p>Page 4 Separate the value from the unit As shown below 18 V Separate the value from the unit As shown below 8.4 V</p> <p>Note: ditto to all the affected pages in the text of the article</p> <p>The equaton should be made align with the number</p> <p>Page 5 The equaton should be made align with the number</p> <p>Page 4, 5 and 6 The equation should be mentioned in the text of the article As equation 2, 3, 4 and so forth</p> <p>Page 7 The references are well cited References 6 and 7 are not cited in the text of the article. But the references were not listed in the article very well. The correct reference listing format for the journal should be followed strictly.</p> <p>Note: ✚ The details drawing of the developed project was not addressed and revealed in the write up. ✚ IT SHOULD BE INCLUDED</p>	<p>Page 4 Separate the values from their units in the paper.</p> <p>Page 5 The dotted lines in the equations (3) – (5) have been removed and the equations have been aligned with the equation numbers.</p> <p>Page 4, 5 and 6 The equations (2) – (6) have been mentioned in the text of the paper.</p> <p>Page 7 References 6 and 7 are cited in the first paragraph of 3.2 section of the original manuscript. The references have been corrected according to reference format.</p> <p>There is no detail drawing of the design because the developed system is a phototype.</p>
Minor REVISION comments		
Optional/General comments	<p>Reviewer's comment</p> <ul style="list-style-type: none">✚ The Title is appropriate for the research but it should be added with word review.✚ The Abstract is concise✚ The introduction is well structured and articulated.✚ The methodology is well spelt out and also appropriate.✚ The results are well details and discussed properly.✚ The conclusion is well constructed and structured.✚ The references are well cited✚ But the references were not listed in the article very well✚ References 6 and 7 are not cited in the text of the article. <p>Note:</p> <ul style="list-style-type: none">✚ The details drawing of the developed project was not addressed and revealed in the write up.✚ IT SHOULD BE INCLUDED✚	

Comment [u2]: This dotted line should be removed

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PART 2:

	Reviewer's comment	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	