



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_31535
Title of the Manuscript:	DESIGN ANALYSIS AND IMPLEMENTATION OF A 0.5 KVA UNINTERRUPTIBLE POWER STABILIZER
Type of the Article	Method 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	<ol style="list-style-type: none"> 1. Can we introduce any other type of DC-DC converter like SEPIC instead of the designed one? 2. What are the main advantages of using this type of converter and what about the efficiency? 3. What are the limitations of proposed 0.5KVA UPS? 4. What is the existing technologies and what is new in this technology? 5. What is the expected life of UPS? 6. What is the switching frequency of MOSFET used? 7. What is the purpose of alarm circuit provided? 8. What are the purpose of automatic control unit? 9. What about the power losses in UPS? 10. What is the estimated cost of UPS? 11. What are the discharge durations of the UPS battery with load? 12. Explain briefly about the control circuits? 	



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<u>Optional/General</u> comments		

Reviewer Details:

Name:	<i>Nisha G K</i>
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