**Preparation of Manuscript for Journal of Power Electronics**

First Author1 ∙ Second Author2 ∙ Third Author1\*

**Abstract**

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If nomenclature section or the list of symbols is needed, please put it before the Introduction section without a section number.

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**3 Equations**

Use the equation editor or MathType for equations. Equations should be aligned to the center.

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Please refer equations like (1), (2)–(5) when you mention them in the main text. Please number the equations consecutively using Arabic numerals. If an equation is too large for a single column, make it span the width of the entire page and place it at the bottom of the page where it was supposed to be.

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Please include all figures, tables, and captions in the text and confirm their size and legibility. Figures and tables should be placed at the top of the page and should be of the highest possible quality. If a table or figure is too large for a single column, make it span the width of the entire page. Please do not insert figures on the first page as far as you can. Please use the table function, not spreadsheets, to make tables.



**Fig. 1** Typical circuit of the three shunt sensing inverter

**Table 1** SI Base Units

|  |  |  |
| --- | --- | --- |
| Quantity | Name of Unit | Symbol |
| Length | Meter | m |
| Mass | Kilogram | kg |
| Time | Second | s |
| Electrical current | Ampere | A |
| Thermodynamic temperature | Kelvin | K |
| Amount of substance | Mole | mol |
| Luminous intensity | Candela | cd |

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For each table, please supply a table caption (title) explaining the components of the table. Please do not put a period at the end of the caption. Footnotes to tables should be indicated by superscript lower-case letters (or asterisks for significance values and other statistical data) and included beneath the table body.

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Please write what you have achieved from your research or suggest a possible future experiment instead of repeating the introduction section or the summary of experimental results.

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Acknowledgments of people, grants, funds, etc. should be placed in a separate section on the title page. The names of funding organizations should be written in full.

**7 References**

**7.1 Citation**

Reference citations in the text should be identified by numbers in square brackets. Some examples:

1. Negotiation research spans many disciplines [3].
2. This result was later contradicted by Becker and Seligman [5].
3. This effect has been widely studied [1-3, 7].

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*Book*

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**References**

1. Dianov, A., Kim, N.-S., Kim. Y.-K.: Foture drives of home appliances: Elimination of the electrolytic DC-link capacitor in electrical drives for home appliances. IEEE Trans. Ind. Elec. Magazine. **9**(3), 10–18 (2015)
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3. Chen, Y. M., Chen, Y. L., Chen, C. W.: Progressive smooth transition for four-switch buck-boost converter in photovoltaic applications. Proc. IEEE Energy Conversion Congress and Exposition, 3620–3625 (2011)
4. Zhoing, Q., Hornik, T.: Control of power inverters in renewable energy and smart grid integration. Chap. 3. Wiley-IEEE Press (2012)

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