

INFORMATION FOR AUTHORS

The IEEE TRANSACTIONS ON POWER ELECTRONICS is published bimonthly in January, March, May, July, September and November. Its scope includes new results in the field of power electronics. For example, papers that treat original component, device, module, circuit, control, system, or application issues are of interest. Papers that do not show sufficient overlap with interest in the power electronics field (a few examples are device physics, component manufacturing technologies, and circuit theory) should be submitted to other IEEE TRANSACTIONS that cover these fields. Authors should pay particular attention to documenting their work in relationship to the known literature. Papers of a historical or tutorial nature within the scope of this publication will also be considered.

Manuscript types: Three types of manuscripts are accepted.

- **Regular papers:** Typically eight pages in final length.

- **Letters:** Four or fewer pages in final form, intended for rapid processing. Typical contributions should focus on a specific, original contribution, with sufficient literature review, analysis, and results to establish clearly its merit and potential value. Clarity is especially important in short papers. Contributions likely to stimulate additional ideas or unusual lines of thought for electronic power conversion are of special interest. Rapid publication is achieved for Letter Papers by means of efficient review and reduced cycles of revision.

- **Correspondence:** These normally address corrections to published papers or substantive technical discussion of papers. They are limited to two pages in final form.

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Papers in the two-column single-spaced format common for conference publication are not acceptable, as this form is difficult for reviewers. The paper should be prepared based on one side of letter-size paper (either 8.5" × 11" or A4 sizes), and should be in single-column double-spaced format. The paper should include all figures, tables, captions, and references. Author biographies, photos, and copyright form are not required for the initial submission. Please use standard fonts such as Times Roman (serif), Helvetica (sans serif), and Symbol. Unusual fonts may create incompatibilities that delay processing. It is the authors' responsibility to make sure the submitted files (in PDF or .ps format) are fully viewable and in the intended format.

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- **Style for conference publications:** Authors (first initials followed by last name), title of paper, in title of conference, dates of conference, location of conference, and page numbers (inclusive). Example: A. B. Researcher and I. N. Elper, "Loss-based analysis of switching converters under closed-loop controls," in *Proc. IEEE Applied Power Electronics Conf.*, 2010, pp. 3917-3926.
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Mandatory overlength page charges for Regular papers will apply to page nine and above and mandatory overlength page charges for Letters will apply to page five and above. For 2006, the overlength page charge is US\$162/page. Authors must agree to pay the page charges in advance of publication. When submitting the paper for review, estimate the length of a paper using the following method:

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This method is only an approximation and the authors are responsible for page charges regardless of any previously estimated length of the paper.

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Papers indicated by authors as “Letters” submissions are considered through an expedited review process by a special team of associate editors. The objective is to provide the quickest possible route to publication for short, focused papers on topics of current interest. The process is accelerated because only short manuscripts are considered and because a publication decision is made after the first set of reviews become available. Authors who wish to have a publication considered this way should limit the manuscript to nine double-spaced pages in addition to the title page described above. Please indicate on the title page that the paper is to be considered for Letters. The Power Electronics Society continues to actively support and encourage submissions of this type as a way to reduce publication time.

Checklist and Guidelines for Submitting a Final Paper for Publication

Information provided below is current as of 1 January 2007. Only after notification of acceptance will these materials be required.

Guidelines for Submitting a Final Paper for Publication

After a paper has been accepted for publication the authors will be notified by the PELS Editor. When corrections for format and other information are completed, the original single-column, double-space electronic version of the paper (Font: Times New Roman preferred, size no less than 10 point, no larger than 12 point) along with electronic files for the illustrations, will be forwarded to IEEE for final formatting. Authors should not prepare camera-ready copy. The final paper for publication should include a complete mailing address for every author and should indicate whether each author is an IEEE member.

The text of the paper will be typeset by the IEEE. In contrast, figures and tables will be produced directly from the versions submitted by the authors. For the final submission, figures and tables should not be embedded in the text but should be on separate pages in single-column format with, preferably, one figure per page. Originals for figures should be of the highest quality: sharp, noise free, and of good contrast. Line drawings should be in black on a white background suitable for printing on a high-quality laser printer. Figures consisting of photographs must be glossy prints or should be provided in tiff or jpeg. Figures should be no larger than 8×10 in (20.3×25.4 cm). Use lettering on figures only where necessary. All lettering on figures must be of uniform size and large enough to permit legible reduction to column width (3.5 in or 8.9 cm). If the final version is intended to use color figures, there will be an extra basic charge of \$1,045.00 (depending on the number of figures) plus an additional \$125.00 for each color figure. If the final version is not intended to be in color, the authors must assure that gray scale versions of any color content will be clear and legible.

Electronic submission of the final paper is required. The following general requirements should be observed:

- Submit the text of the paper in the native electronic format of the word processing software used to create it. The final manuscript will be re-converted from the original, not from the review .pdf copy. The operating system and word processing software used to produce the paper should be noted (e.g., Windows/Microsoft Word). The formats with best support are Microsoft Word (versions 95 and later) and LaTeX. If a compressed or segmented file is sent, be sure to indicate the method of compression (e.g., “.zip,” “.sit”). Please do not include extraneous files.
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