



IEEE Open Journal of Power Electronics

Manuscript Submission Guidelines

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Some additional benefits of publishing in OJPEL include no overlength page charges, a 5% publishing discount for IEEE members, a 20% publishing discount for IEEE PELS members, and enhanced visibility due to articles being available to non-IEEE subscribers.

*See "Article Processing Charges" for more information.

I. Standards for Manuscripts

A. Scope

As a fully open access journal that publishes high-quality peer-reviewed papers, OJPEL covers the development and application of power electronics systems and technologies. Some topics include the effective use of electronic components, the application of circuit theory and design techniques, and the development of analytical methods and tools toward efficient electronic conversion, control, and conditioning of electric power to enable the sustainable use of energy. The aim is to publish novel developments as well as tutorial and survey articles, including those of value to both the R&D and practicing professional segments of the field.

B. Manuscript Length

Manuscripts submitted to OJPEL are allowed to have up to ten pages in a two-column format. This page limit is valid for the whole manuscript but excludes references and bios. Exceptions of up to four extra pages are possible for systems or topics that do not fit in this required length. To request such an exception, a detailed motivation must be provided at the time of submission. Exceptions are subject to approval by the editorial board. For revisions, deviations on the page limit are allowed if more material is requested by the editor or reviewers. No modifications to the IEEE templates are allowed.

C. Ethics

All IEEE authors are expected to adhere to IEEE's publishing ethics, including the definition of authorship, the appropriate citation of sources, the accurate reporting of data, and the publishing of original research*.

All articles submitted for publication should be original and not under consideration elsewhere. During submission, all related prior publications and current submissions in other journals or conferences should be fully declared. A PDF copy of these papers and a prepublication statement explaining the overlap and differences of the submitted manuscripts should be submitted for the convenience of the reviewers. Authors should inform the Editor in Chief of OJPEL of any related submission made while their submission to OJPEL is in review.

Prior and related publications can refer to earlier conference papers that the submission elaborates on, but other publications where (part of) the submitted work was disclosed (e.g., earlier work of you or your group in the same field on which the submitted manuscript builds further) must be included in the submission.

An automated plagiarism check is performed on each submission. Any violations of this prepublication policy detected during the review process may result in a publication ban.

*For more information, please visit the [IEEE Author Center](#).

D. ORCID iD

All IEEE journals require an Open Researcher and Contributor ID (ORCID iD) for all authors. ORCID iD is a persistent unique identifier for researchers and functions similarly to an article's Digital Object Identifier (DOI). You will need a registered ORCID iD to submit an article or review a proof in this journal. Authors can register for an ORCID iD [here](#).

II. Submitting a Manuscript

OJPEL uses *ScholarOne Manuscripts/Manuscript Central (Manuscript Central)*, which is a professional web-based manuscript submission and peer review tracking system. **First-time users must create a new account.** A manuscript

submission can be started here. Authors will need to supply all the required information prior to submission*.

*Additional help is available on *Manuscript Central's* website.

A. Format

The format of a submission should follow the "Transactions" article template located in the IEEE Author Center. The submission should be in PDF format. While this allows authors to create manuscripts with different word processing systems, compatibility problems may arise. It is the authors' responsibility to make sure that *Manuscript Central's* PDF renders correctly and is in the proper format. **The maximum file size limit on Manuscript Central is 40 MB.** Issues may arise with specific file formats (e.g., PDF's created in LaTeX) or methods of conversion that can make it impossible to process a paper file through a similarity check on *Manuscript Central*. These issues can be resolved by:

1. Opening the file in Adobe Acrobat or Adobe Reader
2. Choosing the "Save As" option for the PDF
3. Re-uploading the file

If this does not work, the PDF file may need to be saved as a lower Adobe version (1.7 or earlier). Sometimes 1.6 or 1.7 files may not work, so the file will need to be downgraded to a 1.5 version.

Standard fonts (e.g., Times Roman (serif), Helvetica, Arial (sans serif)) and Symbol are recommended since unusual fonts may create incompatibilities with *Manuscript Central* and delay processing. If special symbols require other fonts, embed the font in the PDF document.

Titles of submissions should avoid extraneous words that have limited search value (e.g., "new" and "novel"). Author names and affiliations are mandatory, but biographies are optional during the review process. Figures and tables must be placed in line at their relevant position in the text.

Visit the [IEEE Author Center](#) for more information on the following items for a submission:

- Formatting stylistic elements (e.g., figures, tables, equations, abbreviations)
- Writing an abstract and equations
- Publishing author names in native languages
- Submitting supplementary material (e.g., graphical abstracts, multimedia, datasets)

i. Figures and Images

For increased readability during the review process, all figures, images, and tables should be spread throughout the text of the manuscript and, if possible, accompanied by captions. Do not submit an image or a figure that is a scan of a printed version or in the form of a preview or display type version converted by different software. To help you make the best impression, please make sure to:

1. **Submit the highest quality files possible.** The figures and images should be sharp, noise-free, and of good contrast that is suitable for final publication (TIFF). Figures and images should have a minimum

resolution of **300dpi***. IEEE's graphic team cannot "improve" a graphic that is submitted at a low resolution or quality format.

2. **Submit photographs in their original digital format (if possible).** If a scan is necessary, it should be at a minimum resolution of **300dpi***.
3. **Use lettering on figures and images only when necessary and in as large of a font as possible.** All lettering must be at least eight points in the final printed size, even if the size of the figures and images are reduced. This ensures that everything will be clearly legible. If the font is too small, the copyeditor will leave the figure or image in single column size for the lettering to remain legible. Make sure the lettering is consistent with the lettering that appears in the text (e.g., Resistor "R" in the text should not be labeled "r" in the figure).

*Increasing the resolution of a low-resolution image **will not** improve the image's quality.

ii. References

OJPEL encourages authors to seek primary sources when citing prior work. Primary sources are reports (journal articles, conference papers, theses, or patents) of original ideas, concepts, designs, or results. Sometimes primary sources do not use recent terminology, so it can be difficult to find them by keyword searches. A helpful method to find primary sources is to examine the citations in secondary sources backward to find the original idea or design. Identification of primary sources can be challenging but is important. By citing primary sources, authors are recognizing the origin of the idea and the authors who introduced the idea. Readers appreciate a citation chain that links back to primary sources, since this practice establishes technical context for an article and illustrates how technology is developing in a particular area.

References should be indicated in a bibliography at the end of the manuscript and use numbers in square brackets (e.g., [1], [2], [3]). References should be written in the following style required by IEEE:

Conference Publications: Authors (first initials followed by last name), title of paper, in title of conference, date 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

Periodical Journal Publications: Authors (first initials followed by last name), title of paper, title of periodical, volume, page numbers (inclusive), month and year

Example: D. Rothmund, T. Guillod, D. Bortis and J. W. Kolar, "99% Efficient 10 kV SiC-Based 7kV/400 V DC Transformer for Future Data Centers," *Journal of Emerging and Selected Topics in Power Electronics*, Vol. 7, No. 2, pp. 753-767, June 2019

Books: Authors (first initials followed by last name), book title, Publisher location: publisher name, year, chapter or page numbers

Example: T. Suntio, T. Messo and J. Puukko, *Power Electronic Converters, Dynamics and Control in Conventional and Renewable Energy Applications*. Weinheim: Wiley-VCH, 2018, Chap. 16

B. Language

Inadequate English obscures the technical content of the manuscript. Therefore, the authors are responsible for formulating their submitted manuscript in acceptable English. The volunteers who review the manuscripts will not assist authors in correcting their language.

Authors who need assistance with editing the English in their manuscript should obtain help prior to submission. These English language editing services can help refine the language of your article and reduce the risk of rejection without review*. IEEE authors are eligible for discounts at several language editing services. More information can be found at the [IEEE Author Center](#).

*These services are fee-based and do not guarantee acceptance.

C. Active Content and Multimedia

Supplemental digital content may be submitted with a paper, such as multimedia files (e.g., a video demonstration or presentation) and datasets. For more details, refer to “Prepare Supplementary Materials from the [IEEE Transactions and Journals Department](#).”

D. Post-Acceptance

If your submission is accepted for publication, you will receive an email that contains instructions on what actions you will need to take. You may be asked to upload final production-ready files. Shortly after final files are uploaded, you will receive your article proofs for final review along with instructions on how to review your proofs and submit any corrections*. ***Please submit the proof and any needed corrections back as soon as possible for IEEE to upload your article to OJPEL.*** If you have any doubts about whether a modification you wish to make is appropriate, please contact the Editor in Chief of OJPEL.

*Major changes to your article (including the list of references) are not permitted after the article is accepted.

III. Additional Information

A. Article Processing Charges

The article processing charges (APC) for this journal is USD 1,995 per article plus applicable local taxes. IEEE members are eligible for a 5% discount and IEEE PELS members are eligible for a 20% discount. These discounts cannot be combined.

B. Data

Authors can increase the impact of their work by sharing their code data for others to view, build upon, and reuse. IEEE uses Code Ocean* to make your code discoverable and IEEE DataPort** to make your datasets discoverable. More information on these can be found at the [IEEE Author Center](#).

*Code Ocean is a cloud-based computational reproducibility platform.

**IEEE DataPort is an online data repository of datasets and data analysis tools.

C. Review Process

The articles in this journal are peer-reviewed in accordance with the requirements set forth in the [IEEE Publications Services and Products Board Operations Manual](#). Each article is reviewed by a minimum of two independent reviewers using a single-blind peer-review process*. Articles are also screened for plagiarism prior to acceptance.

*A single-blind peer-review process is when the authors do not know the identities of the reviewers but the reviewers know the identities of the authors.

D. Helpful Sources

- [IEEE Author Tools](#)
- [IEEE Collabratec Author Lab](#)
- [Manuscript Templates](#)