







## Bukti Korespondensi

Title : A review on non-isolated low-power DC–DC converter topologies with high output gain for solar photovoltaic system applications  
Authors : Tole Sutikno, Hendril Satrian Purnama, Nuryono Satya Widodo, Sanjeevikumar Padmanaban, Mohd Rodhi Sahid  
Journal name : Clean Energy  
Issue : Volume 6, Issue 4, August 2022, Pages 557–572  
DOI : <https://doi.org/10.1093/ce/zkac037>  
URL : <https://academic.oup.com/ce/article-abstract/6/4/557/6633228>  
SJR=0.859, Q1 --> <https://www.scimagojr.com/journalsearch.php?q=21100936535&tip=sid&clean=0>

### Bukti pengiriman (*Submission Acknowledgement*): 19 Maret 2022

the Clean Energy Journal - Manuscript ID ENERGY-2022-050 Inbox x  

 **Clean Energy** <onbehalf@manuscriptcentral.com> Mar 19, 2022, 9:38 PM   

to me, tole ▾  
19-Mar-2022

Dear Dr. Sutikno,

Your manuscript entitled "A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications" has been successfully submitted online and is presently being given full consideration for publication in the Clean Energy Journal.


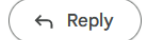

Your manuscript ID is ENERGY-2022-050.

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Thank you for submitting your manuscript to the Clean Energy Journal.

Sincerely,  
Clean Energy Journal Editorial Office

## Keputusan Pertama: 29 April 2022

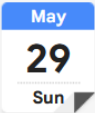
### Clean Energy Journal - Decision on Manuscript ID ENERGY-2022-050

Inbox x



Clean Energy <onbehalf@manuscriptcentral.com>  
to me, tole, yonglong.li.c

Fri, Apr 29, 1:50 PM ★ ⏪ ⋮

	<h4>Clean Energy Journal - Decision on Ma...</h4> <p>When Sun May 29, 2022 (WIB)</p> <p>Who Unknown Organizer*</p> <p><a href="#">Add to calendar »</a></p>	<h4>Agenda</h4> <p>Sun May 29, 2022</p> <p>No earlier events</p> <p>All day Clean Energy Journal - Decision on M a...</p> <p>No later events</p>
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29-Apr-2022

Dear Dr. Sutikno,

Manuscript ID ENERGY-2022-050 entitled "A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications" which you submitted to the Clean Energy Journal, has been reviewed. The comments of the reviewer(s) are included at the bottom of this letter.

The reviewer(s) have recommended publication, but also suggest some major revisions to your manuscript. Therefore, I invite you to respond to the reviewer(s)' comments and revise your manuscript.

To revise your manuscript, log into <https://mc.manuscriptcentral.com/energy> and enter your Author Centre, where you will find your manuscript title listed under "Manuscripts with Decisions." Under "Actions," click on "Create a Revision." Your manuscript number has been appended to denote a revision.

You may also click the below link to start the revision process (or continue the process if you have already started your revision) for your manuscript. If you use the below link you will not be required to login to ScholarOne Manuscripts.

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You will be unable to make your revisions on the originally submitted version of the manuscript. Instead, revise your manuscript using a word processing program and save it on your computer. Please also highlight the changes to your manuscript within the document by using the track changes mode in MS Word or by using bold or colored text.

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When submitting your revised manuscript, you will be able to respond to the comments made by the reviewer(s) in the text box provided or by attaching a file containing your detailed responses to all of the points raised by the reviewers. In order to expedite the processing of the revised manuscript, please be as specific as possible in your response to the reviewer(s).

IMPORTANT: Your original files are available to you when you upload your revised manuscript. Please delete any redundant files before completing the submission.

Because we are trying to facilitate timely publication of manuscripts submitted to the Clean Energy Journal, your revised manuscript should be uploaded by 29-May-2022. If it is not possible for you to submit your revision by 29-May-2022, we may have to consider your paper as a new submission. Please contact the Editorial Office if you require an extension on this deadline.

Once again, thank you for submitting your manuscript to the Clean **Energy** Journal and I look forward to receiving your revision.

Sincerely,  
Dr. Constance Senior  
Associate Editor, Clean **Energy** Journal  
[connie@conniesenior.com](mailto:connie@conniesenior.com)

Reviewer: 1

Comments to the Author

Improve the language of the paper.

Add citations while making legit statements.

Improve the table data.

Add a recommendation for example converter a and this technique is better for 10kW application.

overall the work seems to be good.

Reviewer: 2

Comments to the Author

Require more latest references/citations in this review ( 5 years from the recent year) as many new papers were presented those literatures.

Editor

Comments to the Author:

The English in this manuscript is unacceptable for publication. We suggest you employ an editing service or ask a colleague fluent in English to edit the manuscript. There are also many good free programs available for checking grammar and style, such as Grammarly (<https://app.grammarly.com/>).

The keywords in the paper should match the keywords entered into the manuscript information system.

The keywords in the paper should match the keywords entered into the manuscript information system.

When writing a quantity with units, include a space between the number and the unit. For example: "370 V"


There are 3 references out of 115 in your reference list that are from 2019 or later. This is unacceptable in a review paper. You must include the most recent relevant literature in a review paper. If you do not update the literature review, the paper will not be worth publishing.

Many of your references are incomplete. References to journal articles must contain the year, volume, and page numbers. References to books or reports must include the publisher and city of publication. References to conference proceedings must include the location and dates of the conference.


References must conform to Clean **Energy** style guide. Some examples of references styles can be found in recently published Clean **Energy** papers (<https://academic.oup.com/ce>) or here: [https://academic.oup.com/ce/pages/General\\_Instructions#Preparation\\_of\\_manuscript](https://academic.oup.com/ce/pages/General_Instructions#Preparation_of_manuscript).

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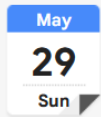
Figures should be uploaded as separate files in either .jpg or .tif format with a resolution of 300-600 DPI. We also request a Graphical Abstract file, with the same requirements as the figure files.

 Author Due Date Clean Energy.ics [Download](#)

## Reminder untuk mengirimkan revisi: 25 Mei 2022

 **Clean Energy** <onbehalf@manuscriptcentral.com>  
to me, tole ▾

Mon, May 16, 1:09 PM ★ ⏪ ⋮

	<b>Reminder: Clean Energy</b> When Sun May 29, 2022 (WIB) Who Unknown Organizer* <a href="#">Add to calendar »</a>	<b>Agenda</b> Sun May 29, 2022 <i>No earlier events</i> All day Reminder: Clean Energy <i>No later events</i>
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16-May-2022

Dear Dr. Sutikno,

Recently, you received a decision on Manuscript ID **ENERGY-2022-050**, entitled "A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications." The manuscript and decision letter are located in your Author Centre at <https://mc.manuscriptcentral.com/energy>.

You may click the below link to start the revision process (or continue the process if you have already started your revision) for your manuscript. If you use the below link you will not be required to login to ScholarOne Manuscripts.


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[https://mc.manuscriptcentral.com/energy?URL\\_MASK=190daad3e9b40bd8f6033f730359751](https://mc.manuscriptcentral.com/energy?URL_MASK=190daad3e9b40bd8f6033f730359751)

This e-mail is simply a reminder that your revision is due by 29-May-2022. If it is not possible for you to submit your revision by 29-

## Pengiriman revisi paper: 29 Mei 2022 (Tapi diminta perbaikan terkait Graphical Abstract)

the Clean **Energy** Journal - **ENERGY-2022-050**.R1 has been  
unsubmitted Inbox x ✕ 🖨 🔗

 **Clean Energy** <onbehalf@manuscriptcentral.com>  
to me, tole ▾

May 30, 2022, 1:15 AM ☆ ⏪ ⋮

29-May-2022

Dear Dr. Sutikno,

Your manuscript, **ENERGY-2022-050**.R1, entitled "A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications" has been unsubmitted to the Clean **Energy** Journal. It has been unsubmitted because you did not complete all necessary parts of the submission.

You uploaded a Graphical Abstract and you did not upload any figure files. Figures must be uploaded as separate files in either .jpg or .tif format with a resolution of 300-600 DPI. The Graphical Abstract file has the same requirements as the figure files. Please upload the correct files.

Please visit the instructions to authors to complete your submission and re-submit the manuscript for consideration of publication. You may contact the Editorial Office if you have further questions.

Sincerely,  
Clean **Energy** Journal Editorial Office

## Permintaan bantuan agar bisa pengiriman revisi: 30 Mei 2022



**Tole Sutikno** <thsutikno@gmail.com>  
to pei,jia, yonglong.li.c, connie, tole@te.uad.ac.id, Tole ▾

May 30, 2022, 3:30 PM ☆ ↶ ⋮

Dear Sir/Madam  
Clean **Energy** Journal Editorial Office

I cannot find an option to submit the figures, and continue the process  
Please find the attached files and help us.

Thank you

Best regards,  
Tole Sutikno

## Revised Manuscripts in Draft

Continue	ID	Title	Created	Delete
Continue	Draft ( <b>ENERGY-2022-050.R1</b> ) Returned by Administrator on 29-May-2022	A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications <a href="#">View Submission</a>	29-May-2022 Due in: Submission option expired	<a href="#">Delete</a>

## Pengiriman revisi berhasil: 31 Mei 2022 (atau 30 Mei 2022 waktu di pengelola jurnal)

the Clean **Energy** Journal - Manuscript ID **ENERGY-2022-050.R1** Inbox x



**Clean Energy** <onbehalf@manuscriptcentral.com>  
to me, tole ▾

Tue, May 31, 2:02 AM ☆ ↶ ⋮

30-May-2022

Dear Dr. Sutikno,

Your manuscript entitled "A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications" has been successfully submitted online and is presently being given full consideration for publication in the Clean **Energy** Journal.

Your manuscript ID is **ENERGY-2022-050.R1**.

Please mention the above manuscript ID in all future correspondence or when calling the office for questions. If there are any changes in your street address or e-mail address, please log in to ScholarOne Manuscripts at <https://mc.manuscriptcentral.com/energy> and edit your user information as appropriate.

You can also view the status of your manuscript at any time by checking your Author Centre after logging in to <https://mc.manuscriptcentral.com/energy>.

Thank you for submitting your manuscript to the Clean **Energy** Journal.

Sincerely,  
Clean **Energy** Journal Editorial Office

## Paper dinyatakan diterima: 7 Juni 2022



**Clean Energy** <onbehalf@manuscriptcentral.com>  
to me, tole, connie ▾

Wed, Jun 8, 9:56 AM



07-Jun-2022

Dear Dr. Sutikno,

It is a pleasure to accept your revised manuscript entitled "A review on non-isolated low power DC-DC converter topologies with high output gain for solar photovoltaic system applications" in its current form for publication in the Clean **Energy** Journal. The comments of the reviewer(s) who reviewed your manuscript are included at the foot of this letter.

The publisher, OUP, will contact you soon with a request to digitally sign a licence. This is required for publication. A quick signature is essential in order to publish your article quickly.

Thank you for your fine contribution. On behalf of the Editors of the Clean **Energy** Journal, we look forward to your continued contributions to the Journal.

Sincerely,  
Dr. Yonglong Li  
Editor-in-Chief, Clean **Energy** Journal  
[yonglong.li.c@chnenergy.com.cn](mailto:yonglong.li.c@chnenergy.com.cn)

Editor  
Comments to the Author:  
(There are no comments.)

## Permintaan Lisensi untuk penerbitan: 9 Juni 2022

Clean **Energy**: article [zkac037] [ENERGY-2022-050.R1] – select your license Inbox x



**cleane\_oup@newgen.co**  
to me ▾

Thu, Jun 9, 7:34 PM



Dear Dr. Tole Sutikno,

This is a reminder that you need to select your licence before we can publish your article.

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Oxford University Press

General queries: (+44)1865 354502

## Persetujuan untuk diterbitkan: 28 Juni 2022

Clean Energy: article [zkac037] [ENERGY-2022-050.R1] – check your proof Inbox x



cleane\_oup@newgen.co  
to me ▾

Tue, Jun 28, 2:42 PM



Dear Dr. Tole Sutikno,

Your manuscript proof is now ready for you to approve. Please do this within two working days.

### What you need to do now:

1. Access your proof [https://pubkit.newgen.co/auth\\_token\\_login/e1b71fd6-1d25-4550-9bd2-8f835bdf1a32](https://pubkit.newgen.co/auth_token_login/e1b71fd6-1d25-4550-9bd2-8f835bdf1a32)
2. Respond on the proof to any copyeditor queries.
3. Approve your proof for publication.

### What happens next:

1. We will prepare your manuscript for online publication.
2. You will receive an email on publication about paying publication charges if applicable.

Best wishes,

Clean Energy production team

## Proofreading #1: 28 Juni 2022

Re: Re: Proofs for 10.1093/ce/zkac037 for Clean Energy Inbox x



cleane\_oup@newgen.co  
to connie, me ▾

Tue, Jun 28, 2:56 PM



Dear Coonie,

Thank you for your comments.  
We will update and proceed with further process.

Regards,  
Kiruthika S

On 28-Jun-2022 5:33 am , connie wrote:

Dear Kirukitha,

Comments on the proof are below. Questions for the authors are highlighted in green.

Thanks,

Connie

---

Page 10, Table 5: \*Authors: the Voltage gain for Topology 5 is listed as "10/5". All other numbers in this column are decimals, not fractions. Please check that this is correct.\*

Page 10, Table 7: In Column "Voltage gain (x)" change "12,7" to "12.7" (in two places).

Page 13, Reference 47: Italicize the name of the conference: 2019 IEEE Power and Energy Conference at Illinois, PECEI 2019

Ding J, Zhao S, Yin H, *et al.* High step-up DC/DC converters based on coupled inductor and switched capacitors. *IET Power Electronics*, 13:3099-3109.

Page 14, Reference 106 (AQ9): The reference should be:

Azar MA, Shahir FM, Taher B. New single switch topology for non-isolated boost DC-DC converter based on voltage-lift technique. In: *2018 IEEE 12th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2018)*, Doha, Qatar, 10-12 April 2018, 1-6.

Page 15, Reference 133 (AQ10): The conference location is Singapore. The conference dates are 10-12 December 2014.

Page 15, Reference 146 (AQ11): The conference location is Jeju, South Korea. The conference dates are 30 May-3 June 2011.

Page 15, Reference 150 (AQ12): The reference is:

Shahir FM, Babaei E, Farsadi M. Voltage-lift technique based nonisolated boost DC-DC converter: Analysis and design. *IEEE Trans Power Electron*, 2017, 33:5917-5926.

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LinkedIn: [www.linkedin.com/in/constance-senior](http://www.linkedin.com/in/constance-senior)

Twitter: @EnergyConstance

## Proofreading #2: 6 Juli 2022

Re: Proofs for 10.1093/ce/zkac037 for Clean Energy Energy Inbox x



**Constance Senior** <connie@conniesenior.com>  
to cleane\_oup, me ▾

Wed, Jul 6, 12:56 PM ☆ ⏪ ⋮

Dear Kirukitha,

Comments on the proof are below. Questions for the authors are highlighted in green.

Thanks,

Connie

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Page 10, Table 5: \*\*Authors: the Voltage gain for Topology 5 is listed as "10/5". All other numbers in this column are decimals, not fractions. Please check that this is correct.\*\*

Page 10, Table 7: In Column "Voltage gain (x)" change "12,7" to "12.7" (in two places).

Page 13, Reference 47: Italicize the name of the conference: *2019 IEEE Power and Energy Conference at Illinois, PECCI 2019*

Page 13, Reference 75 (AQ8): The reference should be:

Ding J, Zhao S, Yin H, *et al.* High step-up DC/DC converters based on coupled inductor and switched capacitors. *IET Power Electronics*, 13:3099-3109.

Page 14, Reference 106 (AQ9): The reference should be:

Azar MA, Shahir FM, Taher B. New single switch topology for non-isolated boost DC-DC converter based on voltage-lift technique. In: *2018 IEEE 12th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2018)*, Doha, Qatar, 10-12 April 2018, 1-6.

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Page 15, Reference 150 (AQ12): The reference is:

Shahir FM, Babaei E, Farsadi M. Voltage-lift technique based nonisolated boost DC-DC converter: Analysis and design. *IEEE Trans Power Electron*, 2017, 33:5917-5926.

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LinkedIn: [www.linkedin.com/in/constance-senior](http://www.linkedin.com/in/constance-senior)

Twitter: @EnergyConstance

On 2022-06-25 08:36, [cleane\\_oup@newgen.co](mailto:cleane_oup@newgen.co) wrote:

Dear Connie,

Please be informed that we have uploaded the files of the article "10.1093/ce/zkac037" for your review/approval (which is scheduled for publication in the "Clean Energy").

Manuscript number: ENERGY-2022-050.R1

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Due date: 29-Jun-2022

If you have any questions or think there will be any delay in returning the files please contact [cleane\\_oup@newgen.co](mailto:cleane_oup@newgen.co)

Yours sincerely,

Kiruthika S,

Clean Energy Production Team

Manuscript number: ENERGY-2022-050.R1

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