

Special Issue

Grid-Connected PV Systems

Message from the Guest Editors

The main aim of this Special Issue is to publish high-quality submissions that highlight technical trends of grid-connected PV systems and address recent breakthroughs in the modeling, safety, reliability, high power density, smart control, and power shifting for grid-connected PV systems. The topics of interest include but are not limited to:

- Modeling and analysis methods of grid-connected PV systems;
- Safety issue of grid-connected PV systems;
- Topologies for grid-connected PV systems;
- Control strategies for grid-connected PV systems;
- Wide-bandgap (WBG) devices applications in grid-connected PV systems;
- High-frequency and high-power density of grid-connected PV systems;
- Energy storage strategies for grid-connected PV systems;
- Standard aspects of grid-connected PV systems

The deadline to submit papers to this special issue is **31 October 2022**. However, papers submitted in advance will be peer-reviewed and may be published well before this deadline. For more details, please click [here](#).

Guest Editors

Prof. Dr. Huafeng Xiao

Prof. Dr. Frede Blaabjerg

Dr. Chushan Li

Deadline for manuscript submissions

closed (31 October 2022)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).