

Special Issue

Photovoltaic Modules

Message from the Guest Editors

This Special Issue is dedicated to the photovoltaic (PV) modules, which are the main component of photovoltaic plants. In particular, the efficiency of the PV modules is even higher, exceeding the 20% threshold, while the cost has dramatically decreased in the last years; some years ago, this cost was 60–70 % of the total installation cost, now it is only 30–40 % of the same total cost. However, as the robustness of the cells inside the modules has been reduced together with their thickness (100–200 μm), the encapsulation process may be imperfect and, as a consequence, the presence of mechanical, electrical, and thermal defects may be increasing.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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