

What are solar cell efficiency tables?

Title Solar cell efficiency tables (Version 65) Abstract Consolidated tables showing an extensive listing of the highest independently confirmed efficiencies for solar cells and modules are presented. Guidelines for inclusion of results into these tables are outlined, and new entries since July 2024 are reviewed.

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Solar cell efficiency tables (Version 65) Details Full ExportStatistics Options Show all metadata (technical view) 2025 Journal Article Title Solar cell efficiency tables (Version 65) Abstract Consolidated tables showing an extensive listing of the highest independently confirmed efficiencies for solar cells and modules are presented.

When are solar cell efficiency tables published?

The Solar Cell Efficiency Tables are traditionally published twice a year, typically in January and July. The article title has remained the same with the inclusion of an updated version number. This column provides the version number in which the efficiency record was first published.

Which 'one sun' cell & module results have been re-reported?

Current-voltage (IV) curves have also been included where possible from Version 38 onwards. The highest confirmed 'one sun' cell and module results are re-reported in Tables 1, 2, 3 and 4. Any changes in the tables from those previously published are set in bold type.

How are solar cell efficiencies measured?

All efficiencies were measured by one or more accredited test centers under standard test conditions (e.g., 1,000 W/m², 25°C). The Solar Cell Efficiency Tables are traditionally published twice a year, typically in January and July. The article title has remained the same with the inclusion of an updated version number.

Are firmed efficiencies for solar cells and modules included?

firmed efficiencies for solar cells and modules are presented. Guidelines for inclusion reviewed. Renewable Energy Engineering, University of New South Wales, Sydney 2052, Australia. Email: m.green@unsw.edu.au report results on a standardised basis. In Version 33 of these tables, Ed. 2, 2008). eligible). Active area efficiencies are not included.

The research group led by Professor Martin Green has published Version 65 of the solar cell efficiency tables. There are 17 new results reported in the new version.

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@article{osti_1835542, author = {Green, Martin A. and Dunlop, Ewan D. and Hohl-Ebinger, Jochen and

Yoshita, Masahiro and Kopidakis, Nikos and Hao, Xiaojing}, title = ...

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1cm² for a one-sun cell, 200 cm² for a "submodule" and 800 cm² for a module). In recent years, approaches for contacting large-area solar cells during measurement have become ...

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