

Title: Nrel efficiency chart 2023

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NLR maintains a chart of the highest confirmed conversion efficiencies for champion modules for a range of photovoltaic technologies, plotted from 1988 to the present.

NREL maintains a chart of the highest confirmed conversion efficiencies for research cells for a range of photovoltaic technologies. This is an interactive version of that chart.

New module efficiency record: 23.5% under 1-sun illumination using thin-film single-junction GaAs solar cells. In: Proceedings of the 38th IEEE Photovoltaic Specialists Conference; 2012.

The efficiency is 17% higher than the highest efficiency single-junction perovskite cell of similar size in Table 1 (smaller area cells in Table 2 have their efficiency inflated by avoiding series resistance and ...

The NREL stressed that all these changes are now reflected in the interactive chart. The tool highlights the highest confirmed conversion efficiencies of research cells for a range of PV...

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 ...

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