

Solar power equipment for homes, businesses boats and RVs. Backed by industry experts ready to help get your solar system up and running.

In this article, we'll dive into every aspect of photovoltaic power stations: how they work, different types, benefits, challenges, costs, and their future in the global energy mix.

In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 GW of new utility ...

Solar energy is the fastest growing and most affordable source of new electricity in America. As the cost of solar energy systems dropped significantly, more Americans and businesses ...

In Q3 2025, the residential segment installed 1,088 MWdc of solar capacity, declining 4% year-over-year and quarter-over-quarter. Despite an industry rush to bring projects online this year to ...

Solar deployment and electric vehicle (EV) sales broke records in 2023 and 2024. Renewables now dominate new power generation capacity, while new domestic clean energy ...

High-efficiency PV has supplied power for ventures such as the International Space Station and surface rovers on the Moon and Mars, and its applications in space will continue to grow.

Why are renewables important? Renewables, including solar, wind, hydropower, biofuels and others, are at the centre of the transition to less carbon-intensive and more sustainable energy systems. ...

New energy has strong randomness, low controllability, and high security risks. The increasing of new energy has caused the traditional power system to face overall problems, requiring ...

At Sungrow, we are committed to promoting the development and application of clean energy across all major energy technology sectors, including solar, wind, storage, electrification, and hydrogen. Our ...

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