

Find up-to-date statistics and facts on the global solar photovoltaic industry.

However, the expansion of the global solar photovoltaic market faces persistent hurdles. Issues such as low workforce availability, grid integration limitations, and continued support for the fossil fuel sector ...

The global solar power market size was valued at USD 253.69 billion in 2023 and is projected to be worth USD 273 billion in 2024 and reach USD 436.36 billion by 2032, exhibiting a ...

Global solar installations reached nearly 600 GW - an impressive 33% increase over the previous year - setting yet another record. Solar accounted for 81% of all new renewable energy ...

Corporate power-purchase agreements (PPAs) from data-center operators, the growing pipeline of photovoltaic-battery hybrids, and accelerated policy support in land-constrained countries ...

China continues to dominate the global market, representing ~60% of 2023 installs, up 120% y/y. The rest of the world was up 30% y/y. The U.S. was the second-largest market in terms of cumulative and ...

The global solar power market size was calculated at USD 286.15 billion in 2025 and is projected to hit around USD 522.71 billion by 2035 with a solid CAGR of 6.21%.

Solar photovoltaic technology holds a significant share in the solar power market because of high number of instalments of new solar photovoltaic projects all around the globe.

The IEA-PVPS 2025 Snapshot of Global PV Markets reveals a pivotal moment for solar power: global PV capacity surpassed 2.2 TW, with more than 600 GW installed in 2024 alone. As ...

Solar energy users save around 35 tons of CO₂ emissions and 75 million barrels of oil each year. Utility-scale PV power plants made up 70% of global solar electricity generation in 2022.



Global sales of solar power

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