

# Outdoor solar power generation for home use in North America

The North America solar PV market was valued at USD 45.4 billion in 2025 and is projected to grow at a CAGR of 6.3% from 2026 to 2035, driven by rising decentralized and off-grid solar installations.

As a result of new solar projects coming on line this year, we forecast that U.S. solar power generation will grow 75% from 163 billion kilowatthours (kWh) in 2023 to 286 billion kWh in ...

Discover all statistics and data on U.S. residential solar photovoltaics now on statista !

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EIA forecasts that Texas and California will account for almost half of the new utility-scale solar capacity addition in 2025 and that five other states (Indiana, Arizona, Michigan, Florida, and ...

Solar projects are making it easier for Americans to choose solar energy to power their homes. Since 2008, hundreds of thousands of solar panels have been installed across the country as more and ...

There are a number of steps to follow when planning to power your home with solar energy. After choosing which option is best for you to use solar (see step 3), follow the steps afterward that apply ...

Solar power includes solar farms as well as local distributed generation, mostly on rooftops and increasingly from community solar arrays. In 2024, utility-scale solar power generated 219.8 terawatt ...

By grid type, on-grid installations held 96.12% of the North America solar photovoltaic market share in 2025, while off-grid systems are advancing at a 21.30% CAGR through 2031 as ...

In 2022, US small-scale rooftop solar saw a tenfold increase over the last decade, according to a new report - here's why and what needs to happen next.



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