

# The latest solar power generation for home use

Solar panel technology is experiencing a remarkable transformation in 2024, revolutionizing home energy with groundbreaking innovations that promise to reshape residential power generation.

We rated and reviewed the best solar-powered generators for home backup during power outages, including models from Generac, Jackery, and more.

Discover the newest advancements in home solar technology for 2025, from smarter panels to better storage and increased energy efficiency.

The solar generators on this list span a wide range of budgets, from a few hundred dollars to a few thousand. They span several use cases, from camping to a backup for your home.

Discover the best solar generators for your house in our latest blog. Imagine harnessing the sun's energy to keep your lights on during an outage, charge your devices, or even power essential appliances. ...

Whether you're seeking a highly portable option or need one that's heavy-duty enough for extended use, these are the best solar generators we've tested and researched to date.

Once considered overly expensive and underpowered, solar generators are getting more affordable and useful each year, so we put eight popular models to the test to see how well they could...

In our STEO forecast, utility-scale solar is the fastest-growing source of electricity generation in the United States, increasing from 290 BkWh in 2025 to 424 BkWh by 2027. Almost 70 gigawatts (GW) of ...

We explore the nine most exciting developments in the solar industry in 2025, from indoor solar panels to "two-for-one" fission.

Explore the latest solar panel technology, new solar panel technology, and solar energy technology trends improving efficiency.

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