

# The latest power generation equipment solar energy



## Overview

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4 GW of new utility-scale solar capacity in 2026, a 60% increase in capacity additions from last year if realized. Developers plan to add 43.

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As clean energy demand rises, new solar tech advancements, such as blockchain technology in solar energy, are converging for better solutions.

### [The Equipment You Need For A Solar Panel System](#)

We'll break down the solar power equipment that makes up a solar power system so you can choose the right hardware for your project.



### [8 Best Solar Powered Generators of 2026, Expert Tested](#)



## The 5 Best Solar Generators of 2026

To pick the best solar generators, we tested some of these power stations for charging capacity, ease of use, weight, and different use cases. Some picks were reviewed by Popular



## Today in Energy

Developers plan to add 43.4 GW of new utility-scale solar capacity in 2026, a 60% increase in capacity additions from last year if realized. More than half of the new utility-scale solar



According to our tests, these are the best portable solar-powered generators for home backup during power outages, camping, and more, from brands like EcoFlow.



## [The best solar generators for 2026, tested and reviewed](#)

Whether you're camping, living off-grid, or want backup power for your house, the best solar generators help you tap into sustainable energy.



## Solar Market Insight Report Q4 2025

Photovoltaic (PV) solar accounted for 58% of all new electricity-generating capacity additions through the third quarter of 2025, remaining the dominant form of new electricity-generating

## [The Best Solar Generators of 2026.](#)

## Tested and Reviewed

Our expert tested the best solar generators to see which ones charged the best. See how they performed in this review.



## **Solar Market Insight Report - SEIA**

VIEW THE PRESS RELEASE Solar Celebrates Fifth Straight Year as Top Source of New Power The U.S. solar industry installed 43 gigawatts (GW) of new capacity in 2025, remaining

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