

SolarInnovate Energy Solutions

Outdoor Power Supply in 2025



Overview

What's going on with electricity in 2025?

At the same time, electricity supply from renewables, natural gas and nuclear continues to grow, with all set to reach new milestones. This mid-year update follows the extensive Electricity 2025 report released in February, examining the latest trends and the outlook for the remainder of the year.

Will global hydropower supply remain flat in 2025?

Global hydropower generation, the largest source of renewable electricity supply globally with a 14% share, is forecast to remain relatively flat in 2025 amid droughts in the first half in various regions, after a significant recovery in 2024 following the strong reductions due to droughts the year before.

Will global electricity demand increase in 2025?

Global electricity demand is forecast to increase by an average annual 3.3% in 2025 and by 3.7% in 2026, a moderation from 4.4% in 2024 but still some of the highest growth rates observed over the last decade. This is a slight downward revision from our previous forecast in February 2025 of 4% growth for this year and 3.8% in 2026.

Will wind & solar power increase global electricity demand in 2025?

Wind and solar PV are expected to cover over 90% of the increase in global electricity demand in 2025. After exceeding the 4 000 TWh mark in 2024, wind and solar PV generation combined is set to surpass 5 000 TWh in 2025 and 6 000 TWh in 2026.

Will renewables grow in 2025 & 2026?

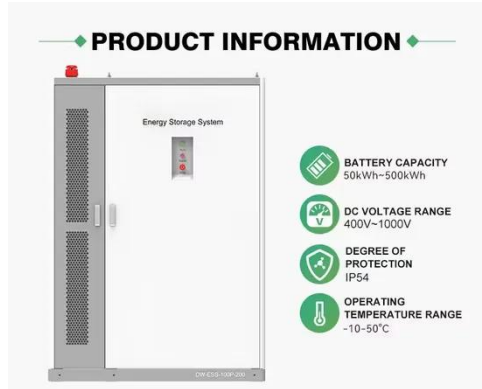
Renewables are projected to continue expanding at around 10% in 2025 and 7.5% in 2026. Solar PV is expected to lead this expansion, with growth of 26% in 2025 and 18% in 2026, making it the largest contributor to new power generation. Wind generation is forecast to increase by around 5% in 2025 and

2% in 2026.

Why did electricity consumption increase in the first half of 2025?

Source: IEA. Despite a slowdown in global economic growth prospects, the world's electricity consumption increased strongly in the first half of 2025, driven by rising demand from industry, appliances, cooling, data centres and electrification.

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Outdoor Power Supply Market Consumption Trends: Growth Analysis 2025 ...

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Outdoor Power Supply Market Consumption Trends: Growth Analysis 2025 ...

Aug 15, 2025 · The global outdoor power supply market, estimated at several million units in 2025, exhibits a moderately concentrated landscape. Key players like EcoFlow, Goal Zero, ...



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