



# Solar panels in northwest Finland





## Overview

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Finland's northern location places limitations on the amount of annual solar energy production, but it offers an excellent addition to electricity production in the spring-autumn season. The relatively cool climate and long, bright summer days support the operation of. Technological development, falling costs and climate goals have together accelerated the spread of solar power in Finland, although its location in the north poses its own challenges. The page was published on September 9, 2025. With this data, we. Thanks to its cool climate, abundant land, and solar radiation levels on par with northern Germany, Finland is unexpectedly well-suited to solar - especially when paired with wind, which peaks in winter as solar dominates summer. Together, they create a more balanced and resilient energy mix. Solar power generation forecasts are based on weather forecasts, estimation of the total installed solar panel capacity and the estimated locations of the panels in Finland.



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### Solar energy and solar electricity in Finland

The share of solar power in Finnish electricity production is approaching one percent and won't stop there: plans are in place to build several solar farms in Finland, each with hundreds of ...

### Solar energy in Finland

Solar energy in Finland is used primarily for water heating and by the use of photovoltaics to generate electricity. As a northern country, summer days are long and winter days are short. Above the Arctic Circle, the sun does not rise some days in winter, and does not set some days in the summer. Due to the low sun angle, it is more common to place solar panels on the south side of buildings instead of on the r...



### Solar power

Solar power generation forecasts are based on weather forecasts, estimation of the total installed solar panel capacity and the estimated locations of the panels in Finland.

### Best Solar Panel Manufacturers in Finland

With its unique geographical location and climate, Finland has developed a robust solar energy infrastructure that includes a range of solar panel manufacturers and suppliers.



### Solar power projects in Finland

The first is an annual statistic covering operational solar power projects, while the second lists projects under construction and third lists . With this data, we provide a comprehensive view of the current ...



### [Top 47 Solar Panel Companies in Finland \(2026\) . ensun](#)

The company specializes in providing high-quality solar energy systems, offering complete packages that include solar panels and battery storage for optimal performance and long-lasting operation.



### Solar power in Finland

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### [Finland solar panels: Impressive 2025 Trends Proven](#)



Modern solar panels are not only more efficient but also more affordable, making them capable of generating electricity even in Finland's challenging northern climate.



### [Northern lights, solar sights: Finland's surprising solar surge](#)

In a country better known for snowdrifts than sunbeams, solar power might seem like an unlikely success story -- yet Finland is quietly engineering a renewable energy surge that defies its latitude.



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