

# Latvia how to install solar power plant at home

What is the biggest solar project in Latvia?

The project was successfully implemented in cooperation with the largest Latvian private energy group AJ Power and has a total capacity of 489 kW generated by 1580 FuturaSun photovoltaic panels. Currently, it is the biggest solar panel installation in Latvia, and it will generate almost 500,000 kWh of green energy annually.

How many solar panels are installed in Latvia?

As of June 2023, the number of solar panels installed by the Latvian population and connected to AS "Sadales tīkls" reached 15,000 units, and their total capacity exceeded 120 MW - about 15% of the total electricity consumption in Latvia on a sunny day. Solar panels have a lifespan of more than 25 years.

How long do solar panels last in Latvia?

Solar panels require almost no maintenance during their lifetime. In addition, rain cleans the surface of the panels well. The payback period for correctly adapting to the consumption of solar panels is 4-7 years. Why are more and more people in Latvia installing solar panels and inverters?

Does Latvia have solar energy?

So far, however, the development of solar energy in the country has been rather limited. According to Latvia's grid-operator Sadales tīkls AS, which is a subsidiary of Latvenergo, there was just 1.3 MW of renewable energy power installed under net metering at the end of 2016.

Where are SIA Lyngson solar panels made?

The company's production site is in Olaine Municipality, Latvia. The company actively seeks energy-efficient solutions to enable it to cut its CO<sub>2</sub> emissions and adopt sustainable manufacturing principles. So far, it is the first implemented phase of the SIA Lyngson solar panel project.

FuturaSun PV modules for the largest photovoltaic installation ever built in Latvia. This summer, on the roof of SIA Lyngson's production building, the largest solar panel park in Latvia was ...

Solar power helps reduce dependence on fossil fuels and the overall carbon footprint. This type of energy production helps mitigate climate change and contributes to sustainability. How long does it take to install a solar kit for a home?

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themselves in savings over a few years. However, the Baltic States are far behind the EU average in terms of use of solar panels, and Latvia's contribution to total installed capacity in the region is only 2%.

Depending on the capacity and scope of work, the installation of a solar power plant takes SIA Tesla about 1-5 days. You can calculate the cost of a set of solar panels for your home, government support, loan and approximate payback [here](#).

Solar energy technologies convert sunlight and solar heat that reach the Earth into energy. Solar panels that capture photovoltaics from sunlight are used to generate electricity. Heat energy can be obtained with solar collectors, which make the solar heat that reaches the Earth usable for home heating or hot water preparation.

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