

Kongres Container

Estonian solar panel greenhouse manufacturer



Overview

Why should you install solar panels in Estonia?

The energy productivity of solar panels installed in Estonia is equivalent to the southern countries, as Estonia's cooler climate increases the efficiency of solar panels. We offer our customers turnkey construction of a solar park, starting from the design to the connection point, the construction of substations.

How many solar panels are installed at Estonia dairy farm?

We built a solar power plant on the roof of Estonia Dairy Farm in Järva County, where we installed 644 solar panels. Over the years, we have vigorously expanded our solar energy production. The parks are located in 38 locations. More than 100 000 solar panels in total are located in our solar parks. The parks are located in 38 locations.

Why do solar parks generate the most electricity in Estonia?

In Estonia, solar parks usually generate the most electricity in May, as the days are quite long and the temperature is lower than in June-July. Lower temperatures help increase efficiency. It is also possible to generate energy in cloudy weather, because solar radiation reaches the solar panels through the clouds as well.

What to do with solar energy in Estonia?

We have prepared an exciting tour - go on a ride on the wind turbine nacelle or take a walk at the solar park, the annual electricity output of which is equivalent to the average annual consumption of 300 Estonian homes. We produce renewable solar energy in Estonia and Poland. We own 38 solar parks with a total capacity of 30 MW.

How much solar radiation does Estonia produce a year?

In Estonia, the amount of solar radiation is comparable to Central Europe; the average amount of radiation has an optimal slope and azimuth of 1100-1200

kWh/m², 85% of which falls between April and October. An optimally installed 1 kW PV plant produces 900 to 1000 kWh of energy per year.

What is the future of solar energy in Poland?

In June 2019, we entered the Polish renewable energy market where we expect the largest growth for the development of solar energy in the coming years. Our solar parks in Poland generate about 20 GWh of solar energy per year, being sufficient for almost 7000 homes with average consumption for a year.

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Contact Us

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