

Finland s photovoltaic inverter industry





Overview

What is the largest solar PV plant in Finland?

The largest individual solar PV plant in Finland is a 6 MW ground-mounted system, which is constructed on an industrial site in Nurmo. The majority of systems are built for self-consumption of PV electricity, since there is no economic potential for utility-scale PV systems for grid electricity generation yet.

Who owns the solar PV inverter business?

Fimer Oy bought the solar PV inverter business from ABB in 2019. The R&D of solar PV inverters is continuing in Finland. Finnwind Oy is located in Lempäälä. In addition to selling and planning turnkey PV systems, it sells and manufactures mounting systems for PV modules.

How many PV power plants are there in Finland?

The total number of PV power plants in Finland is estimated to be around 20 000 – 25 000. *There is no data collected about the sales of off-grid systems. However, based on discussions with PV system provider the market in Finland is estimated to be around 300 kW on yearly basis.

Is solar PV a viable alternative to wind power in Finland?

However, solar PV is currently in Finland the second least cost option for new electric power generation after wind power. The Energy Authority () collects the official data of grid-connected PV electricity in Finland from the grid companies on yearly basis. The results of the survey are published on late June.

Does Finland have an off-grid PV system?

For a long time, the PV market in Finland has been concentrated on small off-grid systems. There are more than half a million summer cottages in Finland, and more than 50 000 of them are electrified with an off-grid PV system



capable of providing energy for lighting, refrigerators and consumer electronics.

How to invest in a PV plant in Finland?

In Finland, there are several funding options for investments in PV plants or PV electricity (Table 14). Several companies offer the third-party ownership. The contract may include the selling of electricity from a rooftop PV plant to local consumption with a fixed price and fixed time (PPA).



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When exploring the solar inverter industry in Finland, several key considerations emerge. First, understanding the regulatory framework is crucial, as Finland has specific guidelines and ...

[National Survey Report of PV Power Applications in COUNTRY](#)

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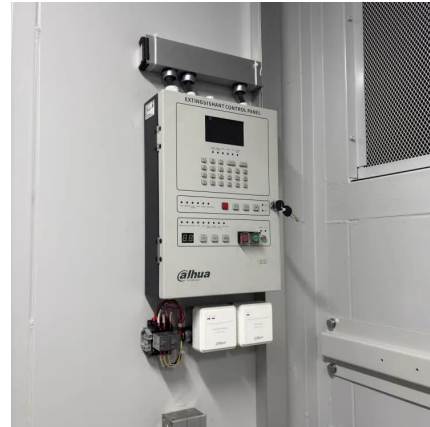
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