



Helsinki new inverter battery

114KWh ESS



PICC
POLYMER INSULATION
CABINET

RoHS



MSDS

UN38.3

UK
CA





Overview

EnerShare's high-voltage stacked lithium batteries, paired with Hoymiles inverters, are driving Finland's transition to green energy by empowering households to achieve energy independence.

EnerShare's high-voltage stacked lithium batteries, paired with Hoymiles inverters, are driving Finland's transition to green energy by empowering households to achieve energy independence.

The energy storage arm of Chinese solar PV inverter manufacturer Sungrow has deployed a large-scale battery system at a site less than 100km from the Arctic Circle. Sungrow announced the successful deployment of the lithium-ion (Li-ion) battery energy storage system (BESS) in Simo, Finland, around.

EnerShare's high-voltage stacked lithium batteries, paired with Hoymiles inverters, are driving Finland's transition to green energy by empowering households to achieve energy independence. The "green energy dual engine" combines scalable capacity (4.8 kWh-153.6 kWh), efficiency, and safety.

An innovative district-level electrical storage system has been integrated into the existing solar plant and EV charging network as part of mySMARTLife. The facility consists of about 15,000 lithium-ion battery cells, which can temporarily store the electricity generated by the solar power plants.

LONDON, March 12, 2025 /PRNewswire/ -- Sungrow, the global leading PV inverter and energy storage system (ESS) provider, is proud to announce its partnership with Renewable Power Capital (RPC) to supply its advanced PowerTitan 2.0 liquid-cooled energy storage system for the Kalanti 50MW/100MWh BESS.

In the past three years, Finland's capital has seen a 200% surge in clean energy startups, with new energy storage projects popping up like mushrooms after autumn rain. If that doesn't make you want to grab a cup of kahvi and dive into this story, what will?

What's fueling this growth?

For.



The BESS project is located less than 100 km south of the Arctic Circle and is made up of 26 Sungrow PowerTitan battery containers. With a power output of 30MW and a storage capacity of 60MWh, this installation will play a vital role in stabilizing the local grid. Sungrow, a China-based PV.



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EnerShare high-voltage stacked lithium batteries and Hoymiles ...

EnerShare high-voltage stacked lithium batteries and Holmium inverters bring revolutionary energy solutions to Finnish families, adapting to the Nordic climate and needs, improving self ...

[China's Sungrow deploys 60MWh BESS in Finland](#)

Sungrow's PowerTitan is a liquid-cooled BESS, designed for utility-scale applications. The battery system delivers high reliability and efficiency under challenging ...



[Alpiq snaps up 125-MW battery project in Finland](#)

Swiss power producer and energy services provider Alpiq announced the acquisition of a 125-MW battery storage project in Finland ...

[Alpiq snaps up 125-MW battery project in Finland](#)

Swiss power producer and energy services provider Alpiq announced the acquisition of a 125-MW battery storage project in Finland and said it would make more ...



Solar Inverters , Helsinki Solar

Solar Hybrid Inverters 12 KW Solar Hybrid Inverter
10 KW Solar Hybrid Inverter 8 KW Solar Hybrid
Inverter 5.5 KW Solar Hybrid Inverter



Sungrow deploys 60MWh BESS in 'one of Earth's harshest climates'

Sungrow announced the successful deployment of the lithium-ion (Li-ion) battery energy storage system (BESS) in Simo, Finland, around 785km north of the capital Helsinki.



Helsinki's New Energy Storage Industry: Powering the Future One Battery

But here's a plot twist: Helsinki is quietly becoming the Nordic MVP in the global race for smarter, greener energy solutions. In the past three years, Finland's capital has seen ...



[First Deployment of the Sungrow PowerTitan 2.0 ...](#)



The PowerTitan 2.0 system, a fully liquid-cooled solution, is designed to enhance efficiency and extend battery lifespan by ensuring ...

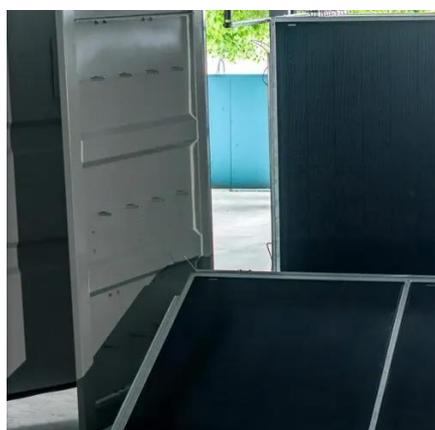


[Finland's Largest Battery Storage Begins ...](#)

While substantial financial details for the Finnish project remain undisclosed, the economic viability of battery storage is pivotal for broader ...

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[Sungrow deploys 60MWh BESS in 'one of Earth's ...](#)

Sungrow announced the successful deployment of the lithium-ion (Li-ion) battery energy storage system (BESS) in Simo, ...

Helsinki Air Compressed Energy Storage Project: Powering the ...



Traditional lithium-ion batteries face challenges in large-scale applications - that's where compressed air energy storage (CAES) steps in. The Helsinki project demonstrates how ...

12.8V 200Ah



Finland's Largest Battery Storage Begins Construction

While substantial financial details for the Finnish project remain undisclosed, the economic viability of battery storage is pivotal for broader adoption. Crucially, the progress in ...

First Deployment of the Sungrow PowerTitan 2.0 BESS in Finland

The PowerTitan 2.0 system, a fully liquid-cooled solution, is designed to enhance efficiency and extend battery lifespan by ensuring precise temperature control across all ...



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Energy projects



The facility consists of about 15,000 lithium-ion battery cells, which can temporarily store the electricity generated by the solar power plants in Suvilahti (340 kWp) and in Kivikko (850 kWp) ...





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