

SolarGrid Energy Solutions

Helsinki dedicated energy storage battery company

Home Energy Storage (Stackble system)



High Efficiency



Easy installation



Safe and Reliable



Perfect
Compatibility

Product Introduction

- Scalable from 10 kWh to 50 kWh
- Self-Consumption Optimization
- Integrated with inverter to avoid the compatibility problem

- LFP battery, safest and long cycle life
- Stackable design, effortlessly installation
- Capable of High-Powered
- Emergency-Backup and Off-Grid Function

Overview

Is this Finland's largest battery energy storage system?

Swedish flexible assets developer and optimizer Ingrid Capacity has joined hands with SEB Nordic Energy's portfolio company Locus Energy to develop what is claimed to be Finland's largest and one of the Nordics' largest battery energy storage systems (BESS). The 70 MW/140 MWh BESS project will be located in Nivala, northern Finland.

Is Ingrid developing a battery energy storage system?

Ingrid is developing the battery energy storage system (BESS) project in partnership with investor SEB Nordic Energy portfolio company Locus Energy for a commercial operation date (COD) in 2026. The firm said it the project in Nivala, in the Northern Ostrobothnia region of Finland, is the largest ready-to-build (RTB) BESS in Finland.

How will a new battery energy storage system help the Finnish grid?

After the start of commercial operations in 2026, the project will contribute an important balancing function to the Finnish grid, supporting the Finnish renewable energy expansion. The groundbreaking ceremony took place in the afternoon on Monday the 26th of May on the site near Nivala where the battery energy storage system will be built.

Are energy storage systems a solution to Finland's energy transition?

Energy storage systems offer a solution. "This groundbreaking is an important moment for Finland's energy transition and a concrete step toward a more flexible, resilient, and decarbonized energy system," said Jussi Jyrinsalo, Senior Vice President at Fingrid.

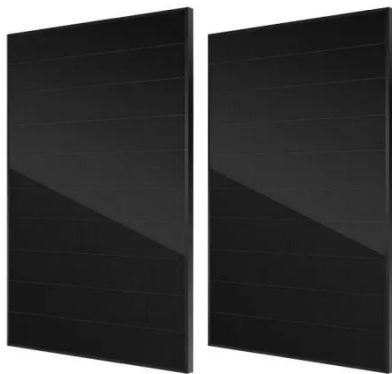
What is the Nivala battery energy storage system?

The Nivala battery energy storage system marks the second collaboration project between Locus Energy and Ingrid Capacity.

What is the lithium-ion battery electricity storage system in Nurmijärvi?

The lithium-ion battery electricity storage system under construction in Nurmijärvi consists of 36 modules the size of large shipping containers, which will be connected to the nearby main grid of the transmission system operator Fingrid Oyj.

Helsinki dedicated energy storage battery company



Top 10 energy storage companies in Europe

4 days ago · This article will explore the top 10 energy storage companies in Europe that are leading the way in energy storage innovation.

Cactus Battery Energy Storage System

Aug 15, 2025 · Revolutionize the way you store and use energy. With the Cactus battery energy storage system, you can use energy better and support the ...



Efficient Higher Revenue

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 100% Peak Output Power
- 3 MPPT Trackers, 100% DC Input Overvoltage
- Max. PV Input Current 15A, Compatible with High Power Modules

Intelligent Simple O&M

- IP68 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPDs prevent lightning damage
- Battery Reverse Connection Protection

Flexible Abundant Configuration

- Plug & Play, EPS Switching Under 30ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc fault is detected the inverter immediately stops operation



Home

First Joint Battery Energy Storage 60 MWh Project in Finland FRV and AMP Tank Partner for First Joint Battery Energy Storage 60 MWh Project in Finland - ...

Home , Exide

2 days ago · Customized Energy Systems
Customized Energy Systems offers smart energy storage solutions, based on innovative lithium-ion battery ...



Batteries from Finland

Jun 6, 2019 · Examples of clear overlaps between Finland and other Nordic countries include: Marine, Mining, Heavy duty, Energy storage, Battery second life applications, and Renewable ...

Utility Helen launching 40MW BESS in Finland

Feb 8, 2024 · Utility Helen is launching a 40MW battery energy storage system (BESS) project in Nurmijärvi, southern Finland, for 2025 commercial operation.



Ardian Clean Energy Evergreen Fund (ACEEF) Invests in Finnish Battery

Feb 13, 2024 · Ardian, a world leading private investment house, in partnership

114KWh ESS




with its operating platform eNordic, today announces it has taken Final Investment Decision (FID) to build ...

Finland sparks positive change for batteries

One use case for end-of-life batteries probed by the company is energy storage. Fortum in April stated it will begin piloting a battery solution developed with ...



Gigavaasa

The companies in Vaasa, such as ABB, Hitachi ABB Power Grids, Wärtsilä, Danfoss and Yaskawa, are all using batteries and energy storage in their applications.

Powering Finland's Future - Fingrid and Merus Power ...

Jun 18, 2025 · Fingrid's forward-looking communication about future

developments and changes, especially during the fast-paced green transition, supports long-term planning and creates the ...

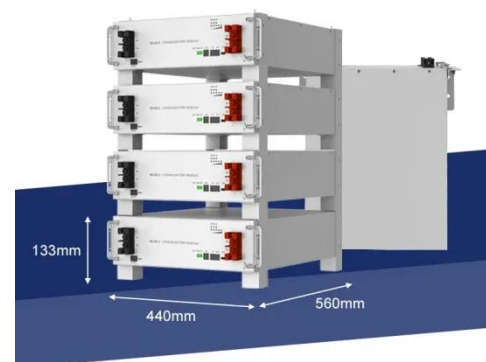


China's Sungrow deploys 60MWh BESS in Finland

Aug 11, 2025 · Sungrow, a China-based PV inverters and energy storage systems provider, has successfully deployed a 60MWh battery storage project in Simo, Finland. This project, one of ...

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

Feb 9, 2023 · With Helsinki's energy storage sector projected to hit EUR1.2B by 2025, early movers are already cashing in. Take Danish fund Ørsted, which saw 34% returns after backing a ...



Finland to host 240 MWh of new BESS projects

Mar 11, 2025 · Swedish flexible assets



developer and optimizer Ingrid Capacity has joined hands with SEB Nordic Energy's portfolio company Locus Energy to develop what is claimed to be ...

The World's Largest Sand Battery Was Just ...

Jun 18, 2025 · The World's Largest Sand Battery Was Just Switched On In Finland By turning excess green energy into storable heat, the sand battery ...



Top 10: Energy Storage Companies , Energy ...

May 8, 2024 · Including Tesla, GE and Enphase, this week's Top 10 runs through the leading energy storage companies around the world that are ...

Energy storage companies finland

The Sand Battery is a thermal energy storage Polar Night Energy's Sand Battery is a large-scale, high-

temperature thermal energy storage system that uses sustainably sourced sand, sand ...



Energy Storage Suppliers In Finland

Geyser Batteries is a technology company incorporated in 2018 to scale up production and expand adoption of disruptive and sustainable high-power heavy-duty energy storage invented ...

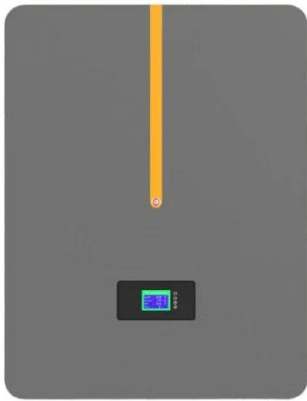
Finland activates world's largest sand battery to store ...

Jun 19, 2025 · Finland has activated the world's largest sand battery in Pornainen, storing excess renewable energy as heat to power an entire town's heating needs. The system cuts heating ...



SUSTAINABLE SOLUTIONS: Energy Storage

24 September 2024 17:30 EEST
Epicenter Helsinki Dive into the latest



advancements in battery technology and energy storage solutions, essential for bolstering the renewable energy ...

Helen to improve the flexibility of the electricity ...

Feb 12, 2024 · Helen Ltd is investing in the new 40 MW battery electricity storage system in Nurmijärvi. The storage is one of the first large-scale battery ...



SEB Nordic Energy's portfolio company Locus ...

Mar 5, 2025 · SEB Nordic Energy's portfolio company, Locus Energy collaborates with Ingrid Capacity to build the largest battery energy storage project in ...



Wärtsilä Energy Storage

4 days ago · Unlock the full value of your energy storage investment Backed by Wärtsilä's reputation as a bankable and

reliable partner, our comprehensive ...



Top 69 EV Battery Companies in Finland (2025) , ensun

The competitive landscape is evolving, with both established companies and startups innovating in battery technology, energy density, and lifecycle management. Additionally, the global ...

Ingrid Capacity building largest BESS in Finland

Mar 5, 2025 · Ingrid is developing the battery energy storage system (BESS) project in partnership with investor SEB Nordic Energy portfolio company ...



Top 10 energy storage companies in Sweden

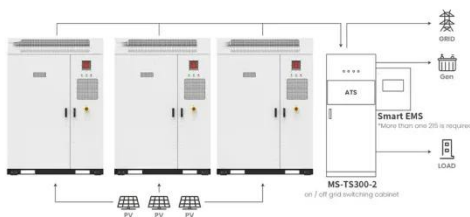
Aug 18, 2025 · Company profile: Northvolt, as one of the top 10 energy



storage companies in Sweden, founded in 2015 by former Tesla executives, is a ...

Top 10 Energy Storage Companies in Finland: A ...

Dec 2, 2024 · Especially the solid state batteries, are also expected to be advances further and used as a new material such as sodium ion which is ...



Application scenarios of energy storage battery products

Finnish Photovoltaic Energy Storage Companies: Leaders in ...

The Big Players: Finnish Companies Making Waves Wärtsilä: This Helsinki-based giant isn't just about ship engines anymore. Their GridSolv Quantum battery systems are like the "IKEA ...

Glennmont, Ilmatar and Alfen to develop 30MW BESS in Finland

Jun 29, 2023 · The BESS is being built near the operational Piiparinmäki

onshore wind farm. Image: Glennmont Partners. Construction has begun on a 30MW battery energy storage ...



Neoen launches construction of Yllikkälä Power Reserve Two in Finland

Dec 27, 2023 · Neoen (ISIN: FR0011675362, Ticker: NEOEN), one of the world's leading producers of exclusively renewable energy, has provided notice to proceed to battery storage ...

Finland's Largest Battery Storage Begins ...

Mar 5, 2025 · Finland's authorization of its largest battery-storage project marks a pivotal point in the renewable energy landscape. As energy stakeholders ...



Capalo AI partners with Lehto Group to ...

Helsinki, 1.10.2024 -- Capalo AI, a



sustainable growth company specializing in AI-based trading and optimization services for energy storage, has announced ...

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://wf-budownictwo.pl>