

# Stockholm generator container BESS





## Overview

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Saft, a subsidiary of TotalEnergies, has delivered a battery energy storage system (BESS) to replace diesel backup power generators at Microsoft's sustainable data centre in Sweden. What is a Bess container?

SolaX's BESS Container is designed for maximum safety, fast deployment, and seamless grid integration, making it ideal for utility-scale energy storage applications. Advanced Safety Protection: Features real-time monitoring, multi-layer safeguards, and fire-resistant, explosion-proof design to prevent thermal runaway and ensure battery safety.

What is a Bess generator & how does it work?

As well as displacing the diesel generator, the BESS supports grid stability and provides black start capability to ensure rapid recovery of the power grid in the case of an outage.

How much power does a Bess system provide?

The BESS system was delivered in June, and provides 16MWh of storage, which Saft's releases say is enough for 80 minutes of backup energy with units that can provide peak power of 24MW.

What is a SAFT Bess system?

Saft is a subsidiary of TotalEnergies, and the BESS system is part of a deal it signed with Microsoft in 2021 to support Microsoft's goal of removing diesels by 2030. The Saft BESS includes eight Intensium Max 20 High Energy battery containers, arranged in four groups, each with 4MWh capacity, for up to 80 minutes of backup energy.



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Saft delivers Battery Energy Storage System (BESS) ...

Oct 4, 2023 · Saft delivered turnkey project for a battery energy storage system (BESS) that provides up to 80 minutes of backup power. Paris, October 04, 2023 - Saft, a subsidiary of ...

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Microsoft replaces diesels with battery system ...

Oct 4, 2023 · Microsoft is using a battery energy storage system (BESS) from Saft at a Swedish data center, after its use of diesel backup generators in ...

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How a Containerized Battery Energy Storage ...

Mar 28, 2025 · With a BESS container, businesses and communities can ensure a reliable and immediate backup power source, reducing ...

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Saft delivers Battery Energy Storage System ...

Oct 4, 2023 · Saft delivered turnkey project for a battery energy storage system (BESS) that provides up to 80 minutes of backup power. Paris, ...

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BESS Containerised Battery Energy Storage

Dec 5, 2025 · The BESS Series is a State of the art, high-voltage lithium-ion battery power and energy-storage system containerised in a 20' High ...

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Saft battery replaces diesel backup at Microsoft data centre

Saft, a subsidiary of TotalEnergies, has delivered a battery energy storage system (BESS) to replace diesel backup power generators at Microsoft's sustainable data centre in Sweden.

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Customizable Battery Energy Storage ...

Mar 18, 2025 · Discover TLS Energy's Container Enclosure Body with Battery Rack - a flexible, customizable solution for BESS applications. Our high ...

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Saft battery replaces diesel backup at ...

Saft, a subsidiary of TotalEnergies, has delivered a battery energy storage system (BESS) to replace diesel backup power generators at Microsoft's ...

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Understanding Power and Energy in Battery ...

Mar 23, 2025 · Learn the key differences between power and energy in BESS. Discover how these concepts impact performance, sizing, and ...

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Energy storage container, BESS container

5 days ago · Energy Storage Container Adding Containerized Battery Energy Storage System (BESS) to solar, wind, EV charger, and other renewable ...

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## Battery Energy Storage Systems (BESS)

Battery Energy Storage Systems (BESS) What is BESS? Similar to the batteries that power your phone, computer, and other electronics, large-scale energy storage systems are used to ...

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### How a Containerized Battery Energy Storage System Can ...

Mar 28, 2025 · With a BESS container, businesses and communities can ensure a reliable and immediate backup power source, reducing dependency on fossil fuel-based backup ...

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### HOW TO DESIGN A BESS (BATTERY ENERGY ...

Mar 11, 2023 · The design of a BESS (Battery Energy Storage System) container involves several steps to ensure that it meets the requirements ...

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### Containerized Battery Energy Storage System ...

Jun 28, 2024 · Discover the benefits and features of Containerized Battery Energy Storage Systems (BESS). Learn how these solutions provide ...

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### Successful Sale of 10MW Battery Energy Storage System (BESS) in SE3 Sweden

Stockholm. 2024.12.18 - Helios Nordic Energy, a leader in utility PV and BESS project development in the Nordics, has successfully completed the sale of a 10MW Battery Energy ...

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### BESS Containerised Battery Energy Storage

Dec 5, 2025 · The BESS Series is a State of the art, high-voltage lithium-ion battery power and energy-storage system containerised in a 20' High Cube container.

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### Swedish container generator set BESS

Swedish container generator set BESS What is a Bess generator & how does it work? As well as displacing the diesel generator, the BESS supports grid stability and provides black start ...

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### BESS Container Sizes: How to Choose the ...

Jun 5, 2025 · Not sure which BESS container size fits your project? Discover the differences between 20ft, 40ft, and modular systems--plus expert tips ...

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### Microsoft replaces diesels with battery system at Swedish ...

Oct 4, 2023 · Microsoft is using a battery energy storage system (BESS) from Saft at a Swedish data center, after its use of diesel backup generators in the country previously faced criticism. ...

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### Successful Sale of 10MW Battery Energy ...

Stockholm. 2024.12.18 - Helios Nordic Energy, a leader in utility PV and BESS project development in the Nordics, has successfully completed the ...

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### Ingrid Capacity and Locus Energy Link for 196MW Swedish BESS ...

Sep 4, 2024 · Ingrid Capacity has teamed up with Locus Energy to deploy 196MW of battery energy storage system (BESS) capacity in southern Sweden. The partnership will see the ...

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TLS Energy Delivers 6MW/6MWh BESS with 4000KVA Power Stations in Sweden

Mar 16, 2025 · TLS Energy successfully deploys a 6MW/6MWh Battery Energy Storage System (BESS) in Sweden, featuring 3.793MW/3.793MWh DC containers and two 4000KVA power ...

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Battery Energy Storage System (BESS) ...

3 days ago · Battery Energy Storage System (BESS) Intelligent Power and Energy As a battery energy storage system (BESS) systems integrator ...

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