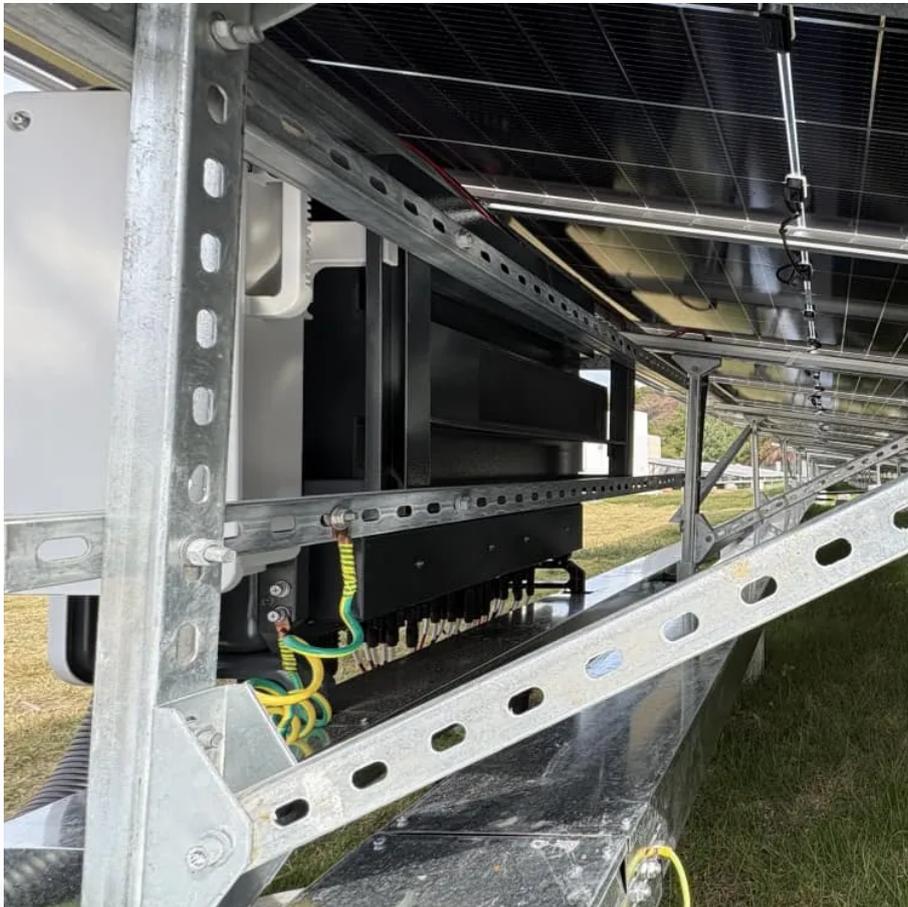


Stockholm generator container BESS





Overview

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.



Stockholm generator container BESS

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