



EQACC SOLAR

High-efficiency energy storage container for airport use in Amsterdam



Overview

Does Schiphol Airport have a long-duration energy storage system?

To make this happen, Schiphol Airport is introducing a long-duration energy storage (LDES) system manufactured by ESS Technology Inc. (ESS Inc.). Under this system, the current polluting diesel ground power units used to power aircraft parked at airport gates will be phased out and replaced with electric ground power units (E-GPUs).

How will ESS work at Amsterdam Airport Schiphol?

The ESS system will enable Amsterdam Airport Schiphol to phase-out polluting diesel ground power units that currently supply electrical power to aircraft while parked at airport gates. These will be replaced with Electric Ground Power Units (E-GPUs).

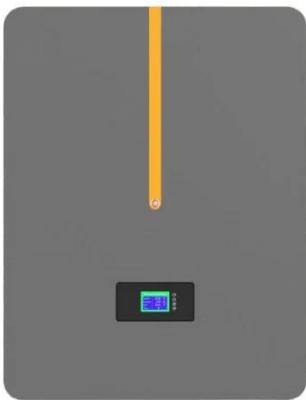
How can Amsterdam Airport decarbonise its ground power units?

One of these innovations is the electrification of its ground power units. Amsterdam Airport Schiphol is taking action to decarbonise its ground operations by 2030. This effort is part of the EU-funded TULIPS project that aspires to speed up the implementation of novel, sustainable technologies to reduce carbon emissions at European airports.

Will Amsterdam Airport Schiphol achieve a decarbonisation goal?

“Amsterdam Airport Schiphol has set an ambitious goal for decarbonisation and has provided great leadership in taking the necessary actions to make it real,” remarks Eric Dresselhuys, CEO of ESS Inc. “This project provides a blueprint for LDES to safely provide clean, reliable energy in airport operations and reduce fossil fuel dependence.

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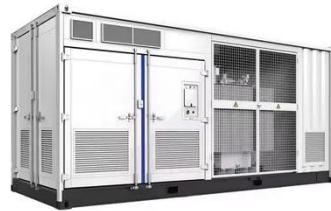
ESS Tech's Groundbreaking Energy Storage System Transforms Amsterdam

The ESS system at Amsterdam Airport Schiphol will not only reduce carbon emissions but also improve operational efficiency. By harnessing sustainable energy sources, ...

ESS Energy Warehouse commissioned at Amsterdam Airport

...

Long-duration energy storage (LDES) system manufacturer ESS Tech has completed the commissioning on the initial system installed to electrify ground operations at ...



ESS commissions initial Schiphol energy system

ESS Tech, a manufacturer of long-duration energy storage (LDES) systems, has commissioned the initial stage of its project at Amsterdam Airport Schiphol. This marks the ...

Amsterdam Airport takes steps to

decarbonise ground ops

Phasing out diesel power units ESS Technology manufactures long-duration energy storage (LDES) systems for commercial and utility-scale applications. The ESS Energy ...



Amsterdam Airport takes steps to ...

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Schiphol , Sustainable climate control at the airport

Thermal energy storage at the airport There are 14 thermal energy storage systems (TES) at Schiphol Centrum and a few others at Schiphol Oost and Schiphol Noordwest. TES is a ...



Amsterdam's Schiphol Airport leads the way to circularity

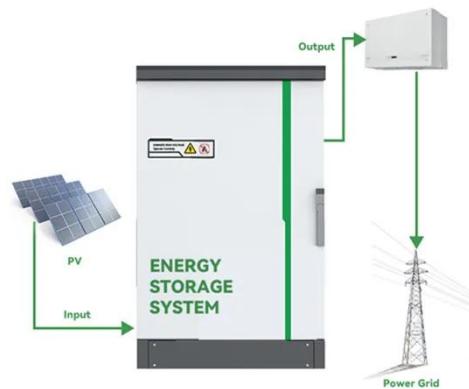
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ESS Technology Takes Off at Schiphol to Decarbonize Air ...

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Amsterdam Airport Schiphol Electrifies Operations

Amsterdam Airport Schiphol lowered carbon emissions by electrifying its ground operations by phasing out diesel ground power units that currently supply electrical power to ...

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ESS Energy Warehouse Commissioned at Amsterdam Schiphol Airport

ESS Technology has commissioned a long-duration energy storage (LDES) system at Amsterdam Airport Schiphol

(AMS). This system will support the electrification of ground ...



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