



Rome Power Supporting Energy Storage





Overview

Rome's Fiumicino Airport, which sees over 50 million passengers each year, is giving new life to used electric car batteries. Through the PIONEER project, they are combining solar energy with a battery system, which can turn yesterday's car power into today's clean energy storage. Developed by Italian utility Enel and airport operator Aeroporti di Roma (ADR), the 10 MWh battery energy storage system (BESS) strengthens the. The project shows how companies can turn waste streams into profit centers. The project. Italy, June 3, 2025: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation efforts at Rome's Leonardo da Vinci-Fiumicino Airport. The advanced system repurposes used EV batteries from multiple.



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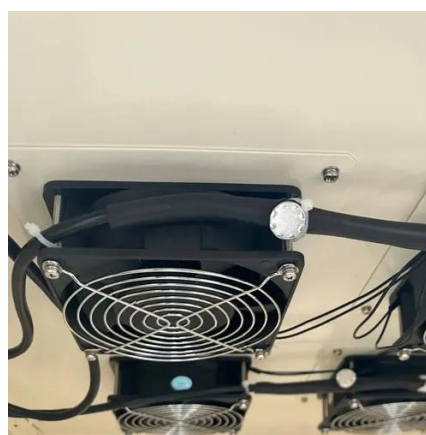
Deye inverters and Deye batteries are more compatible.

[Rome Airport powers up with second-life EV batteries](#)

An innovative energy storage system is helping Rome Fiumicino International Airport (FCO) harness renewable energy more effectively, capturing power for use even when the sun isn't ...

[Rome's Fiumicino Airport Unveils Europe's Largest EV Battery Energy](#)

Europe's largest airport solar-battery integration, boosting energy resilience and circular economy leadership. Rome's Fiumicino International Airport has launched Pioneer, Europe's largest ...



[International airport makes surprising use of batteries donated by](#)

Rome's busy Fiumicino airport just launched Italy's largest energy storage unit made from recycled electric vehicle batteries, reported Reuters. The system, called Pioneer, turns 762 battery ...



[PIONEER: decarbonising airport operations with second-life car](#)

Rome's Fiumicino Airport, which sees over 50 million passengers each year, is giving new life to used electric car batteries. Through the PIONEER project, they are combining solar ...



[Nissan Reuses EV Batteries to Power Rome Airport's Clean Energy](#)

Nissan is helping deliver clean energy to Fiumicino Airport in Rome which is Italy's largest international airport, by supporting a new Battery Energy Storage System (BESS).



[Energy storage system based on EV batteries launched at Rome's ...](#)

Italy's largest energy storage system based on used batteries for electric vehicles was inaugurated on Tuesday at Rome's Fiumicino airport to help it reduce carbon emissions.



[Italy's largest airport uses recycled EV batteries for power](#)

Italy's largest and busiest airport has integrated a total of 162 recycled Nissan Leaf and Stellantis batteries in an innovative battery energy storage system (BESS) to support its goal of



[Rome's Fiumicino Airport launches Italy's](#)



largest second-life battery

According to the partners, it is the largest energy storage system using hybrid second-life batteries in Italy, and one of the largest in Europe. Pioneer is projected to save 16,000 tons of CO₂ ...



1075KWHH ESS

Fiumicino Unveils Europe's Largest EV Battery Storage System

Italy, June 3, 2025: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation efforts at Rome's ...



From Car Batteries to Airports: Used Batteries Become a Source of ...

Pioneer project at Rome's Fiumicino Airport repurposes used EV batteries into a 10 MWh clean energy storage system, supporting energy transition, reducing CO₂ emissions, and extending battery life.



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