



**BLINK SOLAR**

# **Roman Battery Energy Storage Project**



## Overview

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What is Italy's largest energy storage system?

Enel and Rome Fiumicino Airport have commissioned Italy's largest energy storage system with second-life batteries from electric cars. The stationary 10 MWh storage system uses a total of 762 battery modules from Mercedes-Benz, Nissan and Stellantis vehicles.

What is Pioneer (Airport sustainability second life battery storage)?

Loccioni, a key system integrator, has announced the successful development and implementation of PIONEER (airPort sustaInability secOND lifE battEry stoRage), an innovative second-life battery energy storage system (BESS) designed for airport applications.

What is Pioneer Energy Storage System?

Inaugurated on J, at Rome Fiumicino Airport, PIONEER is an energy storage system based on repurposed EV batteries.

How much electricity does a Bess storage system use?

A capacity of 10 MWh of electricity allows the storage system to balance the 31 GWh supplied by the ADR Solar Farm photovoltaic system. The BESS now installed at Fiumicino Airport is powered by 762 battery modules from Mercedes-Benz, Nissan and Stellantis.

## Roman Battery Energy Storage Project

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### Stellantis Powers Rome Airport with Second-Life Batteries

SUSTAINera, the circular economy division of Stellantis, has supplied second-life batteries to Enel and Aeroporti di Roma (ADR) for the PIONEER project at Rome Fiumicino ...

### Fiumicino Unveils Europe's Largest EV Battery Storage System

Italy, J: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation ...

Sample Order  
UL/KC/CB/UN38.3/UL

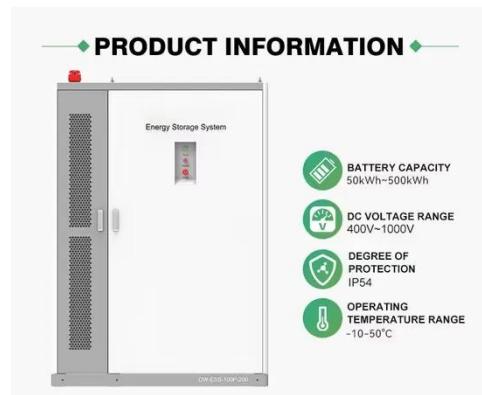


### The PIONEER Project: A Milestone in Circular Energy Storage

The project, partially financed by European funds, represents a significant step forward in the field of sustainability, integrating batteries from three distinct automotive ...

## PIONEER: decarbonising airport operations with second-life car batteries

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 ...



## The PIONEER Project: A Milestone in Circular ...

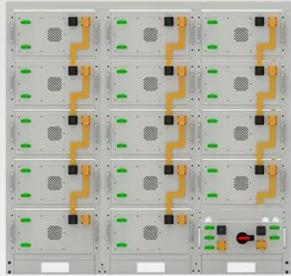
The project, partially financed by European funds, represents a significant step forward in the field of sustainability, integrating batteries ...

## Enel inaugurates 10 MWh second-life battery project at Italian ...

Italy's largest second-life battery energy storage system was officially launched at Rome-Fiumicino airport yesterday. State-owned gas and electric company Enel's 2.5 MW/10 ...



## Energy Storage for Rome-Fiumicino Airport, Italy ,



**Battery String-S224**

- 1C Charge/Discharge
- Easy configuration and maintenance
- Power supply can be single battery string or parallel battery strings

## Mercedes ...

The Pioneer project (airPort sustainability secOND lifE battEry stoRage), carried out by Enel and ADR (Aeroporti di Roma) with the scientific contribution of the German research ...

## Second life automotive batteries for energy storage at Italian ...

The stationary battery energy storage system (BESS) with automotive batteries has been developed with German research institute Fraunhofer Italia-IEC, Enel X, and system ...



## Rome's Fiumicino Airport launches Italy's largest second-life battery

In partnership with German research institute Fraunhofer, ADR (Aeroporti di Roma) and Enel have launched the Pioneer project (airPort sustainability secOND lifE battEry ...

## Recycled EV Batteries Power Rome Airport

This landmark project demonstrates the significant potential of repurposing EV batteries to deliver clean and flexible energy beyond their initial use in vehicles. Nissan Energy ...



## **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, ...

## **Contact Us**

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