



GETON CONTAINERS

Rome Emergency Energy Storage Power Supply





Overview

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.

Can 2nd-life batteries power the airport in Rome Fiumicino?

As part of the PIONEER project, a commercial use case for 2nd-life batteries in combination with a 30 MWp PV system to power the »Leonardo da Vinci« international airport in Rome Fiumicino will be demonstrated.

How a 2nd-life battery storage system can help a local power supply?

Using Rome Airport as an example, the planned 2nd-life battery storage in combination with a PV system shows the way towards the goal of net-zero emissions in the local power supply. In addition, this energy storage will also be used for grid services.

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.



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[Enel and Rome Fiumicino Airport Launch Italy's Largest ...](#)

Enel and Rome Fiumicino Airport have commissioned Italy's largest energy storage system powered by second-life electric vehicle batteries, the companies said on Thursday.

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[Rome's Fiumicino Airport Unveils Europe's ...](#)

10 MWh energy storage system repurposes 762 end-of-life EV batteries, supporting peak power needs and decarbonization. Expected CO2 reduction of 16,000 tons over the next decade--supporting Fiumicino's ...



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[Second life automotive batteries for energy ...](#)

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

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[From Car Batteries to Airports: Used Batteries Become a ...](#)

Rome - Fiumicino Airport has just launched 'Pioneer', a project that gives new life to used batteries from electric vehicles. Instead of being discarded or wasted, 762 batteries from ...

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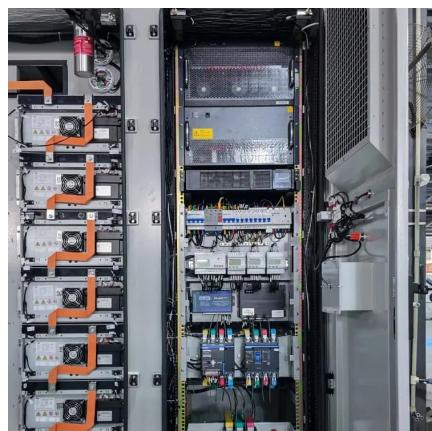
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[Enel inaugurates 10 MWh second-life battery ...](#)

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