

Lima Airport uses ultra-large capacity solar-powered containers



Overview

With an investment exceeding \$100 million, Exolum has constructed a modern aviation fuel centre on a five-hectare site. The facility features four large storage tanks with a combined capacity of approximately 35,000 cubic metres, increasing the airport's fuel autonomy from two. Exolum has officially commenced aviation fuel storage and aircraft refuelling operations at the newly expanded Jorge Chávez International Airport in Lima, Peru, following the successful completion of a state-of-the-art fuel storage facility. This infrastructure represents a significant milestone in the. Smart Passenger Flow: The new terminal introduces biometric check-ins, automated baggage handling, and advanced self-service kiosks—slashing wait times and offering a seamless travel experience. These energy needs continue to grow as air travel expands, with global passenger numbers expected to double by 2040. In response to these staggering. Focusing on the chiller systems, a staggering 22% energy savings were achieved immediately after the installation of our Eniscope solution, and subsequently another 1,417 circuits have been installed across the airport. 5 million passengers in 2024, offering flights to 60 destinations with 22 airline partners.

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Lima Airport Case Study

In this case study, we take a look at how our partner has taken lead on energy savings at Peru's largest airport, seeking solutions to three key issues the client was experiencing

Lima airport in Peru selects Exolum for \$80 million fuel project

Lima Airport Partners, concessionaire of the Jorge Chávez International Airport in Lima, Peru, announced March 15 it has selected Exolum SA as a long-term partner to implement the ...



LPSB48V400H
48V or 51.2V



Exolum completes SAF-ready aircraft refueling ops at Lima airport

In Peru, Exolum has commenced fuel storage and aircraft refuelling operations at the newly expanded Jorge Chávez International Airport in Lima, having successfully completed the ...

Exolum begins operations at Lima's new airport following ...

With an investment exceeding \$100 million, Exolum has constructed a modern aviation fuel centre on a five-hectare site. The facility features four large storage tanks with a combined capacity of ...



- ✓ 100KWH/215KWH
- ✓ LIQUID/AIR COOLING
- ✓ IP54/IP55
- ✓ BATTERY 6000 CYCLES

Lima Airport 2025 , New Terminal in Peru , Lima Travel Tips

Yes--Lima Airport 2025 features energy-efficient lighting, solar panels, water recycling systems, and eco-conscious design that minimize its environmental impact.

Solar-Powered Airports (2026) , 8MSolar

Powered by dedicated solar arrays, these systems may continuously improve air quality within a 5-kilometer radius of the airport. Real-time monitoring might adjust purification levels based ...



Exolum Begins Operations at Lima's New Airport Following ...



Occupying a five-hectare site, the facility comprises four storage tanks with a combined capacity of approximately 35,000 m³, enabling the airport to increase its fuel stock autonomy from ...

Exolum Begins Lima Airport Operations - Tank Storage Magazine

Exolum has commenced fuel storage and aircraft refuelling operations at the newly expanded Jorge Chávez International Airport in Lima, Peru, having successfully completed the ...

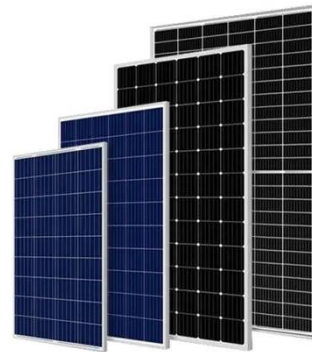


What's On The Horizon For: Lima Airport , Aviation Week Network

To meet rising demand and establish Peru as a major regional hub, the airport is moving forward with its transformative Lima Airport City project. The first phase will boost passenger

Solar Energy Lifts Off at Airports Around the Globe

The solar power plant on the grounds of the airport will gradually be increased to deliver 750-kWp power. It is managed by state-owned company Airports Company South Africa, which manages nine ...



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