



ALUMINUM-CO2 AIRCRAFT BATTERY

KEY FEATURES



1. **Innovative Technology:** Our Aluminum-CO2 airplane battery harnesses cutting-edge technology, combining the lightweight properties of aluminum with the environmental benefits of utilizing CO2 as a key component.



2. **Enhanced Energy Density:** Offering superior energy density (approaching 700 wh/kg), our battery provides an efficient and powerful energy solution for aviation applications, ensuring longer flight durations and increased operational capabilities.



3. **Environmentally Friendly:** The use of CO2 as a key component in the battery chemistry makes it a greener alternative, contributing to reduced carbon emissions and supporting sustainable aviation practices.



4. **Lightweight Design:** The incorporation of aluminum, known for its high strength-to-weight ratio, results in a lightweight battery solution, contributing to overall weight reduction and increased fuel efficiency for aircraft.



5. **Non-flammable:** Our Aluminum-CO2 battery is safe and will not combust.



6. **Long Service Life:** With a focus on durability and reliability, our battery offers a long service life, reducing the need for frequent replacements and minimizing environmental impact.

APPLICATIONS



Commercial Aviation



Unmanned Aerial Vehicles (UAVs)



Electric Vertical Takeoff and Landing (eVTOL) Aircraft

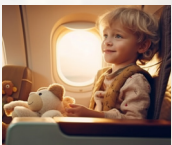


General Aviation

BENEFITS



Reduced Carbon Footprint



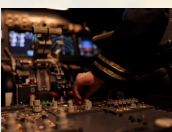
Increased Safety



Extended Flight Ranges



Enhanced Operational Efficiency



Sustainable Aviation Solutions



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