

# GUATEMALA EVOLITO BATTERY SYSTEMS

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What makes evolito a good electric power system? Modular architecture in Evolito's battery solutions allows the electric power system to be tailored for a range of electric and hybrid-electric aerospace projects without needing a tailor-made design. Axial Motors for Aerospace The YASA electric motor has an axial, dual-rotor design, differing from the more widely used radial single-rotor design.



What are evolito battery solutions? Evolito's battery solutions have been designed to allow for rapid development of an Expandable Energy Storage System. (C) 2024 Evolito Ltd. All Rights Reserved.



What can evolito do for You? Evolito's battery solutions have been designed to allow for rapid development of an Expandable Energy Storage System for a variety of fully electric and hybrid aerospace projects.



Evolito's ultra-high-performance, low-weight axial-flux motors and power electronics are smaller, lighter and more robust than any other competing technology, opening up a range of new opportunities for Electric Vertical Take-off and Landing (eVTOL), Fixed Wing and distributed electric propulsion applications such as Urban Air Mobility (UAM).



The requirement is to achieve high levels of battery power and energy density, offset by the equally crucial demand to keep battery weight at a minimum; getting this balance right is crucial to enhance the overall performance of the systems whilst adhering to the regulations of safety and reliability.. Our capabilities span every aspect of electric aviation's battery requirements ???

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Owned via Mercedes-Benz Ag ??? Daimler Uk Limited ??? Yasa Limited  
 ??? EVOLITO LTD ??? EVOLITO BATTERY SYSTEMS LTD Ended on  
 2021-07-20 Details ??? Ernesto Bertarelli Swiss (Born September 1965)  
 2, Dover Yard, London, W1J 8AA



Evolito Achieves UK's First DOA for Electric Propulsion Systems Posted  
 on December 5, 2023 - aerospace, latest news The UK's Civil Aviation  
 Authority (CAA) have awarded Evolito the UK's first Design Organisation  
 Approval (DOA) for an ???



We are pleased to announce that Evolito has acquired innovative battery  
 company Electroflight, to offer a fully integrated powertrain and battery  
 solutions to our customers. Our high-performance, low-weight axial-flux  
 ???



EVOLITO BATTERY SYSTEMS LTD was incorporated on 28 June 2022  
 with a registered office address based in Bicester. EVOLITO BATTERY  
 SYSTEMS LTD has been operating for 2 year(s) and 5 month(s).  
 According to the latest confirmation statement submitted on 27 June 2024,  
 there is currently 3 active director(s) and activities related to the SIC Code

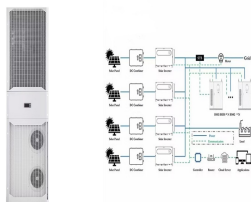


Evolito at the Electric and Hybrid Aerospace Technology Symposium.  
 Posted on September 1, 2023 - aerospace, latest news We are delighted  
 to be attending & sponsoring the Electric & Hybrid Aerospace ???

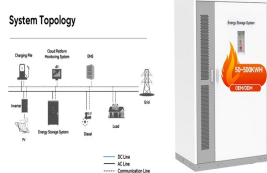


Evolito, a designer and manufacturer of electric motors and controllers for  
 aerospace applications, acquired the business and assets of  
 Cheltenham-based aerospace battery solutions company Electroflight..  
 Evolito ???

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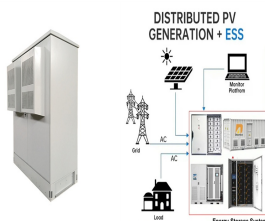
Battery Systems & Management Evolito's compact motor controller units (MCUs), or inverters, have been designed for seamless integration with our Axial Flux electric motors. Designed to the highest safety standards, our MCU's achieve Development Assurance Level A (DAL A), featuring a dual lane design for physical channel segregation to



EEvolution Battery Systems mission Our mission is to manufacture high quality battery systems. Our manufacturing facilities are based in Durham, United Kingdom. 01. LFP and NMC 12V to 800V High Quality Batteries for Electric Vehicles. 02. Liquid cooled high performance modular battery systems. 03.



The requirement is to achieve high levels of battery power and energy density, offset by the equally crucial demand to keep battery weight at a minimum; getting this balance right is crucial to enhance the overall performance of the systems whilst adhering to the regulations of safety and reliability.. Our capabilities span every aspect of electric aviation's battery requirements ???

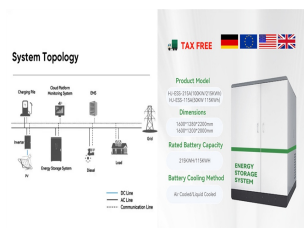


We are pleased to announce that Evolito has acquired innovative battery company Electroflight, to offer a fully integrated powertrain and battery solutions to our customers. Our high-performance, low-weight axial-flux motors and controllers are smaller and lighter with a higher safety factor than any other competing electric propulsion technology.



Propulsion Solutions for Electric & Hybrid Aviation . Evolito offer a new approach to electric propulsion, generation and energy storage. With revolutionary, lightweight, high torque dense and rate-manufactured axial-flux electric motors at its core, Evolito provides all key subsystems for an electric aircraft optimised for performance, safety and profitability:

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Our full propulsion system of axial flux electric motors, motor controller units and battery systems are enabling electric flight to become a reality. Evolito was spun out in 2021 by YASA, (the world-leading pioneer of automotive axial-flux electric motors acquired by Mercedes-Benz in July 2021), to exclusively commercialise next-generation



Following the acquisition, Electroflight will become a wholly-owned subsidiary of Evolito and will focus on delivering next-generation battery technology to complement Evolito's motors and controllers.



Evolito has received Design Organisation Approval (DOA) from the UK Civil Aviation Authority (CAA) for electric propulsion system products. The UK CAA's approval of Evolito as a Design Organisation demonstrates that it is satisfied that Evolito has the technical expertise, facilities and capabilities to design safe and reliable products, and is able to comply ???



Evolito, a designer and manufacturer of electric motors and controllers for aerospace applications, acquired the business and assets of Cheltenham-based aerospace battery solutions company Electroflight.. Evolito supplies high-performance, low-weight axial-flux motors and controllers that are smaller, lighter, and with a higher safety factor than other ???



Propulsion Solutions for Electric & Hybrid Aviation . Evolito offer a new approach to electric propulsion, generation and energy storage. With revolutionary, lightweight, high torque dense and rate-manufactured axial-flux electric motors at its core, Evolito provides all key subsystems for an electric aircraft optimised for performance, safety and profitability:

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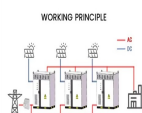
Evolito Battery Systems has been in this business for 2 years. Registered under no. 14200304, the company is listed as a Private Limited Company. You may visit the office of the company during business times at the following address: Units 1 - 3 Charles Shouler Way Wendlebury Road, OX25 2PA Bicester. This company's SIC code is 71129 which means



We are delighted to be attending & sponsoring the Electric & Hybrid Aerospace Technology Symposium in Bremen, Germany (27th & 28th September). This is the world's leading international conference and exhibition dedicated to ultra-low-emission aircraft technology and full-electric flight possibilities.



Combined with the battery systems and high integrity motor control unit capabilities, Evolito creates propulsion solutions that are optimised for the aircraft business case. Tendai Mutambirwa, Interim Group Director of Safety and Airspace Regulation at the UK Civil Aviation Authority, says: "It is important we enable companies like Evolito



Evolito provides the world's most advanced direct drive & in-direct drive electric propulsion solutions for Fixed-Wing and Electric Vertical Take-Off, and Landing (EvToL) applications.. The Urban Air Mobility market alone is ???



- 1. EVOLITO OUTDOOR CABINET
- 2. OUTDOOR CABINET WITH AIR CONDITIONING
- 3. OUTDOOR ENERGY STORAGE CABINET
- 4. INDOOR



EVOLITO BATTERY SYSTEMS LTD Company Profile | CHELTENHAM, United Kingdom | Competitors, Financials & Contacts - Dun & Bradstreet. D&B Business Directory HOME / BUSINESS DIRECTORY / PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES / ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES



Evolito Battery Systems Ltd is an active company incorporated on 28 June 2022 with the registered office located in . Evolito Battery Systems Ltd has been running for 1 year 7 months. There are currently 2 active directors according to the latest confirmation statement submitted on 27th June

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2023.

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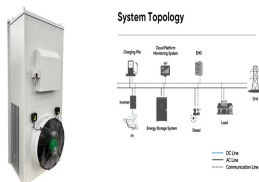
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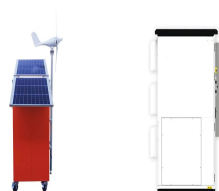
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EVOLITO BATTERY SYSTEMS LTD - Free company information from Companies House including registered office address, filing history, accounts, annual return, officers, charges, business activity. Cookies on Companies House services. We use some essential cookies to make our services work.



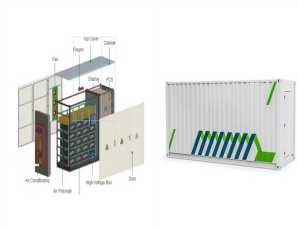
Evolito is making all-electric flight a reality by offering world-leading electric axial flux motors, motor control units and battery systems for the aerospace market. Evolito's electric



Electric motor manufacturer Evolito is eyeing a three-year timeframe for the certification of its first product following the recent granting of Design Organization Approval (DOA) status from the

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Evolito is making all-electric flight a reality by offering world-leading electric axial flux motors, motor control units and battery systems for the aerospace market. Evolito's electric propulsion systems offer the highest power, torque, and energy densities in class and are inherently more robust than alternative technologies ??? mission