



Libya evolito battery systems

What are evolito battery solutions?

Evolito's battery solutions have been designed to allow for rapid development of an Expandable Energy Storage System. © 2024 Evolito Ltd. All Rights Reserved.

Why did evolito acquire Electroflight?

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.

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.

What makes Evolito unique?

Evolito is unique due to its revolutionary, lightweight, high torque dense and rate manufactured axial-flux electric motors. With these motors at its core, Evolito provides all key subsystems for an electric aircraft, optimized for safety and profitability.

Evolito offers a comprehensive, integrated electric propulsion solutions comprising of axial flux motors, motor controller units, and electric battery solutions. Our holistic approach enables considered trade-offs between each ...

Evolito, a privately-owned company designing and manufacturing world-leading electric motors and controllers for aerospace applications, has today announced the acquisition of 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 ...

The UK Civil Aviation Authority'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 with stringent requirements for certification.. Evolito is the first company in the UK to achieve this for electric propulsion systems.

Evolito's axial flux motors are the smallest and lightest in their performance class. Our e-motors use low volumes of dense materials to yield higher torque and power densities than comparable motor architectures, particularly at speeds best suited to propulsion.. Evolito is enabling the aerospace industry to leave behind legacy radial flux motor technology that has been a barrier ...



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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 ...

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 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 ...

Battery Management Systems (BMS) have undergone significant evolution over the years, transforming from basic protection circuits to sophisticated controllers that optimize performance, extend battery life, and ensure safety. Let's delve into the historical journey, key figures, diverse applications, and the transformative impact of Artificial ...

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. Modular architecture allows the Electrical Power System ...

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...

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:

Evolito has received Design Organisation Approval (DOA) from the UK Civil Aviation Authority for electric propulsion system products, representing the first time a company in the country has achieved this milestone for electric propulsion systems.

Experience: Evolito Battery Systems Limited · Education: Chipping Sodbury School · Location: Gloucester · 440 connections on LinkedIn. View Simon Williams" profile on LinkedIn, a professional community of 1 billion members.

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 ...



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Evolito, a manufacturer of electric motors and controllers for aerospace applications, has acquired the business and assets of Cheltenham, UK-based aerospace battery maker Electroflight. Electroflight will become a wholly-owned subsidiary of Evolito, and will focus on delivering next-generation battery technology to complement Evolito's motors and ...

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 ...

Evolito was spun out in 2021 by electric motor and controller pioneer YASA (now a wholly owned subsidiary of Mercedes-Benz) READ the latest Batteries News shaping the battery market. Electric Propulsion Company Evolito Acquires Aerospace Battery Company Electroflight to Create Full Powertrain Solutions Capability, OXFORD, England, July 5, 2022

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).

Evolito Acquires Aerospace Battery Company Electroflight to Create Full Powertrain Solutions Capability 5 July 2022 Jason Pritchard Evolito, a privately-owned company designing and manufacturing world-leading electric motors and controllers for aerospace applications, has today announced the acquisition of ...



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