

What does Evolito do?

Evolito offers a comprehensive, integrated electric propulsion solution. They specialize in axial flux motors, motor controller units, and electric battery solutions.

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.

Does evolito sell axial motor controllers?

Evolito also sells compact motor controller units, or inverters, with a dual-lane design that complements the axial motors. 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.

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?

Ajay Lukha, Chief Commercial Officer at Evolito, said, "We are very excited to complete the acquisition of Electroflight today. The combined capabilities will enable us to deliver flexible solutions for our customers, from best-in-class motor and controller subsystems to fully-integrated electric powertrains."

What is the difference between Yasa and evolito Motors?

The YASA motor includes a steel backplane for magnets, for instance, while Evolito uses polymer instead. Evolito also sells compact motor controller units, or inverters, with a dual-lane design that complements the axial motors.

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 ...

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 ...

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 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 ...

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 is uniquely positioned to power the adoption of electric propulsion in aerospace is driven by a shared passion for engineering excellence and sustainable mobility. Its unique technology and proven experience from YASA enables us to fast-track the adoption of electric propulsion in aerospace, accelerating the growth of the electric Urban

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 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...

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, 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 ...

Evolito also sells compact motor controller units, or inverters, with a dual-lane design that complements the axial motors. 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.

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 ...

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 component to achieve the most efficient, redundant and cost-effective solution for all aircraft architectures: eVTOLS, UAM, UAV, helicopters or General ...

OXFORD, England--(BUSINESS WIRE)--Evolito, a privately-owned company designing and manufacturing world-leading electric motors and controllers for aerospace applications, has today announced the ...

PowerLutions Solar provides cutting-edge solar and battery storage systems for New Jersey homeowners. Our solutions offer energy efficiency along with reliability and peace of mind during power outages. Key features include the latest technology for maximum savings and backup capability, systems that supply electricity when the grid fails, and ...

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).

Web: <https://www.gmchrzaszcz.pl>