



# Intelligent energy limited Romania

Who is intelligent energy?

Intelligent Energy (IE) is a leading independent fuel cell manufacturer built on 30 years' experience in the development and manufacture of zero-emission hydrogen fuel cell power systems. We design and manufacture a range of fuel cell products based on our patented fuel cell technology.

Where is intelligent energy based?

Our headquarters and manufacturing are based in the UK, with our systems being used by our partners and customers worldwide. Intelligent Energy is powering the hydrogen future by developing and manufacturing outstanding zero emission hydrogen fuel cell products.

Where did Intelligent Energy come from?

The origins of Intelligent Energy began at Loughborough University in the UK during the late 1980s, when the University became one of Europe's first research and development centres for proton-exchange membrane (PEM) fuel cell technology. In 1995, the UK's first kW-level PEM fuel cell stack was produced by the R&D team.

Who owns Intelligent Energy?

Intelligent Energy was acquired by Meditor Energy, part of the Meditor Group, in October 2017. In 2018, Intelligent Energy announced the launch of its IE-LIFT 802/804 fuel cell modules for power generation applications such as stationary power, micro-grids, telecoms, and critical infrastructure.

Who is Intelligent Energy Limited?

Intelligent Energy Limited is an active company incorporated on 28 March 2000 with the registered office located in Loughborough, Leicestershire. Intelligent Energy Limited has been running for 23 years. There are currently 3 active directors and 1 active secretary according to the latest confirmation statement submitted on 28th March 2023.

Is Intelligent Energy a good company?

Intelligent Energy Ltd. is credited with ISO 9001-2015 (Quality), ISO 14001-2015 (Environmental), ISO 45001-2018 (Occupational Health & Safety) and IATF 16949-2016 (Automotive Quality Management). At Intelligent Energy, we strive to be a good corporate citizen.

A fuel cell stack is a number of fuel cells stacked together like a sandwich using bipolar plates (an anode and cathode combined in one). One advantage of fuel cell technology is that it is both scalable and modular. To achieve desired ...

Fuel Cell Power Modules (FCPM) Hydrogen Fuel Cells for Drones and UAVs. Our Fuel Cell Power Modules (FCPMs) for UAVs provide clean, efficient DC power from only hydrogen and ambient air, with zero

emissions. With a higher energy-to-mass ratio than traditional battery systems, hydrogen fuel cells can provide commercial UAVs with over three times the flight ...

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IE-POWER 4 stationary fuel cell. IE-POWER(TM) 4 is Intelligent Energy's fuel cell module for power generation applications, such as stationary power, micro-grids, telecoms, and critical infrastructure.. Running on hydrogen and oxygen from the air, the IE-POWER 4 stationary fuel cell is designed as a self-contained power solution with all requisite balance-of-plant components ...

Patent Information. Not all IE products are included, and not all information regarding IE patents about such products is necessarily provided here. This site is not intended to provide legal advice, does not waive any of IE's legal rights or remedies, and should not be used for any purpose other than determining whether IE has elected to mark selected products with selected patent ...

Abstract. This white paper details the benefits of fuel cell use in stationary power applications and Intelligent Energy's evaporatively cooled architecture in particular. It highlights the potential thermal benefits offered by utilising the exhaust heat in Combined Heat and Power (CHP) systems.. Hydrogen fuel cells. Hydrogen fuel cells provide zero carbon emissions power at ...

ESAero is an aerospace project accelerator providing design, integration, prototyping and AS9100 manufacturing services for electric and hybrid aircraft of all sizes. ESAero and Intelligent Energy are partnered to provide hydrogen fuel cell integration into UAVs in North America for both commercial and government sectors.

Greg Harris is the Chief Commercial Officer for Intelligent Energy, leading the strategy and sales for Intelligent Energy's innovative range of hydrogen fuel cells for automotive use. Greg has more than 20 years of experience in the ...

Intelligent Energy is proud to work alongside Cyberhawk, a world leader in visual data management. Learn more about the work of Cyberhawk here. About IE. About us; ... Intelligent Energy Limited is a registered company in England and ...

Loughborough - 1st November 2023 - Intelligent Energy Limited's (IEL) hydrogen fuel cells have been chosen by mobile elevating work platforms (MEWP) manufacturer Niftylift and plant hire firm Speedy Hire to create a new zero ...

IE-SOAR 2.4 fuel cells for drones. IE-SOAR(TM) 2.4 is our lightweight hydrogen fuel cell module for fixed

wing, rotary wing and VTOL UAV applications, where battery technology restricts flight time. Our fuel cell technology runs on hydrogen and ambient air to produce clean DC power in a cost effective, robust and lightweight package. The fuel cells for drones have a higher energy ...

Loughborough, February 1, 2021 --Teijin Limited announced today that it has signed a distribution agreement with Intelligent Energy Limited, a British fuel cell manufacturer, for the sale of IE-Lift™ hydrogen fuel cells in Japan. Under the terms of the contract, Teijin initially will sell the fuel cells to companies in the ICT, construction and manufacturing industries and then later in ...

Loughborough - 1st November 2023 - Intelligent Energy Limited's (IEL) hydrogen fuel cells have been chosen by mobile elevating work platforms (MEWP) manufacturer Niftylift and plant hire firm Speedy Hire to create a new zero-carbon hydrogen-powered access platform. IEL's IE-POWER(TM) 1 fuel cell modules have been fully integrated into the MEWPs, combining the clean and ...

Loughborough - 8th June 2022 - UK fuel cell manufacturer Intelligent Energy (IE), and South Korean partner Hogen Air sign manufacturing licence agreement for hydrogen fuel cell manufacturing in South Korea. During the JSAE Annual Congress (Society of Automotive Engineers of Japan) in Yokohama, Japan, Greg Harris (CCO, IE) and Seong-ho Hong (CEO, ...

With a proven capability to integrate Intelligent Energy fuel cells, Robodex has a focus on the application of new technologies and in developing new types of UAVs for the market. Robodex can also offer complete UAV solutions and can ...

IE-SOAR 800 hydrogen fuel cells for UAVs. IE-SOAR(TM) 800 is Intelligent Energy's fuel cell module optimised for VTOL and fixed wing applications using our lightweight fuel cell technology and a modular structure, our 800W module offers greater flexibility to ...

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