



Welcome to Intelligent Energy

Powering the hydrogen future®

Hydrogen fuel cell manufacturer

Products from 800W to 300kW

Automotive, aerospace, telecoms, marine,
rail, materials handling, stationary and
portable power



23 years' experience

250 employees

Over 600 patents

10 modular products



Based in the UK
US, Japan, South Korea and
China.



Credited with ISO 9001:2015, ISO
14001:2015, ISO 45001:2018 and
IATF16949

What is a fuel cell?

Fuel cells **generate electricity** through an environmentally friendly **electrochemical reaction**.

A **zero-emissions** solution.

Produces continuous power when hydrogen and air are supplied.

No combustion is involved.



Fuel cell stack

+



Hydrogen

+



Air

=



Electricity

+



Pure water

Zero-emission power from 800W to 1MW

IE-SOAR

800W – 24kW

Lightweight fuel cell modules for drones and VTOL applications



IE-POWER

1kW – 32kW

Zero-emission power for construction, standby power and telecoms



IE-LIFT

1kW – 60kW

Battery box replacement for material handling equipment



IE-DRIVE

100kW – 300kW

Fuel cells for buses, trucks, cars, rail, marine and stationary power



IE-FLIGHT

100kW – 1MW

Zero-emission flight for eVTOL, small aircraft and large aircraft



IE-SOAR™

800W – 24kW



Surveying



Mapping



Pipeline Inspection



IE-POWER™

1kW – 32kW



Construction



Stationary Power



Telecoms



IE-LIFT™

1kW – 60kW



Warehouse Trucks



AGVs



Counter balance



IE-DRIVE™

100kW – 300kW



Buses and Trucks



Cars



Stationary Power



IE-FLIGHT™

100kW – 1MW



eVTOL



Small Aircraft



Large Aircraft



Our partners and customers



Enapter



长安汽车
CHANGAN



AIRBUS



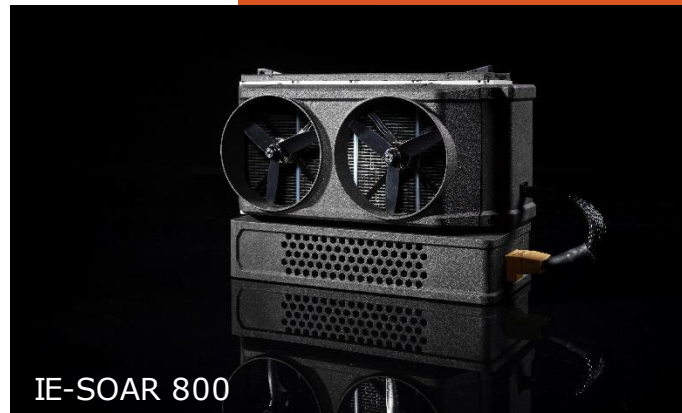
TEIJIN



IE-SOAR:

800W – 24kW for drone and VTOL applications

- ✓ 3 to 5 times the flight time over batteries
- ✓ 2-3 minute refueling
- ✓ Combine systems in parallel for 800W to 24kW systems
- ✓ Over 1000 hours life
- ✓ Rotary wing, fixed wing and VTOL applications
- ✓ Unlock BVLOS operations

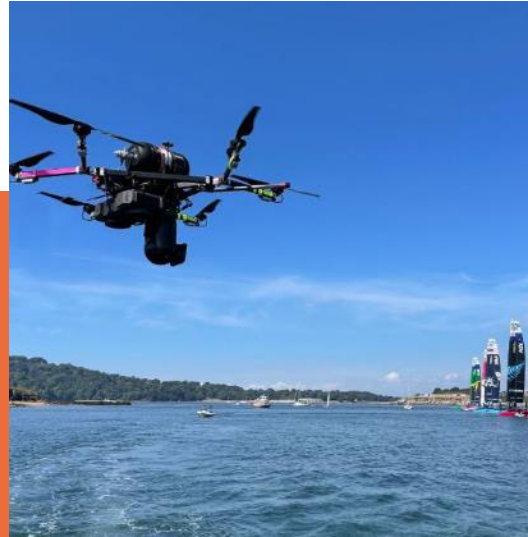


Case studies

Replace your battery and unlock long endurance flight



**Pipeline inspection
with Shell**



**Broadcasting the Sail
Grand Prix**



Military Surveillance

IE-POWER:

1kW – 32kW for standby power, telecoms and construction

- ✓ Small, light, power dense hydrogen fuel cells
- ✓ Modular, scalable and easy to integrate
- ✓ Unique patented airflow management
- ✓ Quiet operation
- ✓ Wide environmental envelope
- ✓ Robust against high shock and vibration incidence



IE-POWER 1



IE-POWER 4

Case studies

Zero emission hydrogen fuel cell solutions to meet your net zero targets



Fuel cell electrolyser demonstrator site for EGAT in Thailand



Stationary power for welfare cabins on HS2 sites



Back up power systems for telecoms sites with Netis



Power in off-grid locations with Powidian

IE-LIFT:

1kW – 60kW for material handling equipment

- ✓ Complete battery replacement – 24V / 36V / 48V
- ✓ Simple retrofit using existing FLT connections
- ✓ Rapid refuelling improves fleet availability
- ✓ Easily scalable with site / fleet expansion
- ✓ Improved TCO for intensive operations



Case studies

Rapid refuelling, improved availability, lower TCO



**Fuel cell powered
Automated Guided
Vehicles at BMW Plant**



**World's first hydrogen-
electric powered access
platforms with Niftylift**

IE-DRIVE:

100kW – 300kW for automotive applications

- ✓ High power density
- ✓ Compact and easy to integrate
- ✓ Patented cooling technology
- ✓ Scalable and modular
- ✓ Long life span
- ✓ Range and re-fuelling experience similar to ICE



IE-DRIVE 100



IE-DRIVE HD100

Case studies

High power, lightweight, modular fuel cells for automotive and stationary use



Fuel cell powered passenger vehicles with Changan UK



44 tonne HGV developed with MIRA and Viritech



Fuel cell powered buses with TYCE, Taiwan

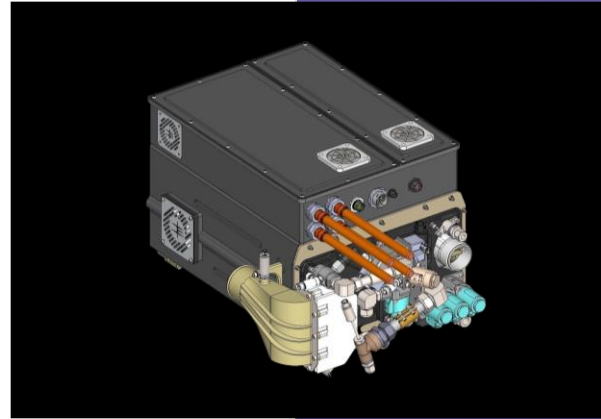


10MW power plant in S. Korea with Hogreen Air

IE-FLIGHT:

100kW – 1MW for aerospace applications

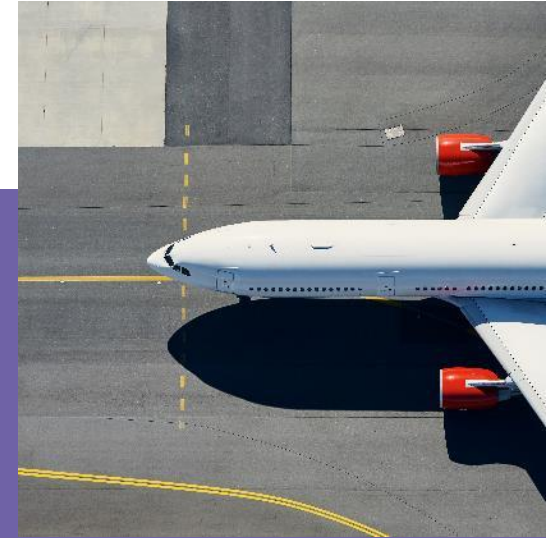
- ✓ Offer zero-emission energy solutions
- ✓ High power density
- ✓ Compact and easy to integrate
- ✓ Unique patented airflow management
- ✓ Scalable and modular
- ✓ Long life span



F300
2025

IE-FLIGHT: applications

Committed to achieving zero-emission flight for aviation



Management team



David Woolhouse
Chief Executive Officer



Julia Waite
Finance Director



Simon Read
Head of Legal



Greg Harris
Chief Commercial Officer



Chris Dudfield
Chief Technology Officer



Martin Schaefer
Operations Director



Ashley Kells
Programme Director



Lauren Gurney
Human Resources Director

Charitable Trust

The Charitable Trust, launched in 2019, donates £100,000 each year to local community groups and organisations in the Charnwood area.

Established to support local causes in need of financial assistance which, support and aid, amongst others; community groups, young people, sport and lifelong learning.



Ownership

The company is part of the Meditor group, a global investment business with interests across a range of industries from energy to pharmaceuticals.



Disclaimer



- This presentation was prepared by Intelligent Energy Limited (the "Company") for information and discussion purposes. No reliance may be placed for any purposes whatsoever on the information contained in this presentation or on its completeness. The Company is not under any obligation to update or keep current the information contained in this presentation. No representation or warranty, express or implied, is given by or on behalf of the Company or its subsidiary undertakings, affiliates, respective agents or advisers or any of such persons' affiliates, directors, officers or employees or any other person as to the fairness, accuracy or completeness of the information, or of the opinions, contained in this presentation and no liability is accepted for any such information or opinions.
- The paragraph above refers to, without limitation, forward-looking statements, including financial and business projections (collectively referred to herein as forward-looking statements). These forward-looking statements are not guarantees of future performance and no reliance should be placed on them. Such forward-looking statements necessarily involve known and unknown risks and uncertainties, which may cause actual performance and financial results in future periods to differ materially from any projections of future performance or results expressed or implied by such forward-looking statements.
- Although forward-looking statements contained in this presentation are based upon what management of the Company believes are reasonable assumptions, there can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The Company undertakes no obligation to update forward-looking statements if circumstances or management's estimates or opinions should change. The reader is cautioned not to place any reliance on forward-looking statements.