

ACQUISITION OPPORTUNITY



Fuel Cell Technology IP Portfolio

The Company (Intelligent-Energy.com)

- Intelligent Energy Limited is a leading fuel cell manufacturer with 30 years of experience in research, development & manufacture of zero-emission hydrogen fuel cell power systems.
- Headquartered in Loughborough, UK, Company produces the highest power density fuel cells ranging from 800W to 300kW+ for applications such as UAVs, automotive, aerospace, power systems, telecom, marine, rail and material handling.

The IP Offering

- 170 patent families, 331 assets
- 317 granted patents
- Patents Coverage:
 - US, EP, UK, China, Japan, Germany, Korea, India, Canada, etc.
- Early priority dates
- Seminal patents & technology
- Evidence of use (NDA required)

Fuel Cell Market

- Projected to reach US\$8.7B by 2028 from US\$3.3B in 2023
- Largest market segment is the transportation sector
- Small scale fuel cells (up to 200 kW) comprise majority of market



The Opportunity

Blackhawk Technologies, LLC is exclusively representing Intelligent Energy Limited (the “Company”) to a sell seminal patent portfolio related to fuel cell technology. The Company has been a pioneer and a leader in the development of proton exchange membrane fuel cells which have been implemented in automotive, aerospace, telecom, marine, rail, materials handling, UAV, including stationary and portable power systems.

The Company is seeking a strategic acquirer with both resources and channels to fully commercialize the IP portfolio.

Patent Coverage (exemplary list)

- Bipolar plates and end plates
- Fuel cell stack
- Fuel-cell resistors
- Oscillating gas flow
- Fuel cell electrodes
- Power management
- Power supply unit
- Hydrogen generation cartridge
- Pump assembly
- Hydrogen gas generator
- Generators and fuel cell systems
- Modular hydrogen cartridge
- Apparatus for filling
- Valves for fuel cartridges
- Charger for electronic devices
- Fluid manifold
- Membranes
- Fuel cell systems
- Fluidic control system
- Portable fuel cell

The Portfolio

The portfolio is listed in the spreadsheet that accompanies this summary. The patents are categorized into three groups.

	Patents Granted	Applications Pending	Total Assets	Patent Families
Group 1	288	7	295	161
Group 2	23	3	26	6
Group 3	6	4	10	3
Total	317	14	331	170





Surveying



Pipeline inspection



Parcel Delivery



Material Handling



Construction



Telecoms



Cars



Bus & Truck



Stationary Power



eVTOL



Small aircraft



Large aircraft

