



**IE-DRIVE™**



**Powering the hydrogen future™ with our outstanding fuel cells and service.**

## **IE-DRIVE HD100 fuel cell systems** providing zero-emission power.

**Intelligent Energy's IE-DRIVE™ HD100 fuel cell module provides clean power for a range of industries, from automotive to marine and rail.**

IE-DRIVE HD100 is Intelligent Energy's (IE) latest high power fuel cell system, designed for heavy-duty applications. It utilises our patented technology to deliver compact, modular systems with fewer components, improved reliability, and reduced system costs.

In addition to automotive use, our IE-DRIVE HD100 fuel cells are also suitable for a wide range of applications such as stationary power, construction, rail and marine. Modular 'one-box' design, scalable to multi-MW.



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## Summary Product Information:

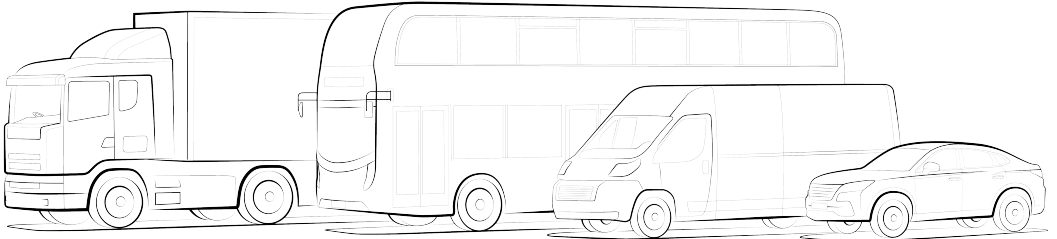
<b>System electrical output</b>	Through life net power	110kW
	Voltage range	250 - 400 VDC
	Net current output	0 - 440 A
	Power ramp-up	60kW/s
<b>Physical excluding condenser and DC-DC</b>	Mass	285kg
	Volume	Fuel cell module dimensions (L x H x W): 1260 x 520 x 700mm Volume: 460 litres
	<b>Environment</b>	Operating ambient temp.

## Benefits:

- 30% smaller heat exchanger
- Modular 'one-box' design
- Simple to integrate
- High power density
- Long life
- Scalable

## Applications:

- Bus
- Truck
- Stationary Power Construction
- Off-highway
- Material handling
- Marine
- Rail



**Get in touch today to find out how your applications can benefit from our zero-emission fuel cells**

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