



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

IE-GRID 4

Diesel generator replacement for scalable stationary power applications.

Intelligent Energy's IE-GRID™ 4 product delivers 3.5kW of continuous, reliable power for stationary and distributed energy applications. Designed for critical infrastructure where uptime and performance are paramount, it provides a future-proof alternative to fossil fuel-based generation.

Built on our proven air-cooled fuel cell technology and powered by the IE-POWER™ 4 fuel cell system, IE-GRID 4 combines high performance with simple on-site operation.

The system responds rapidly to changing load demands, while integrated batteries provide additional peak power when required, ensuring uninterrupted operation in environments where downtime is not an option.

Our IE-GRID systems are suitable for a range of applications including: data centres, telecommunications, TV & Film, construction, critical infrastructure, ports, airports and off-grid power.

Summary Product Information:

Technical data	Net output power	3.5kW
	Peak power	6kW
	System voltage output	230 V / 50 Hz
Physical	Mass	180kg
	Dimensions (mm)	800(W) x 1000(H) x 900(D)
Environment	Operating temp.	-5°C to +40°C
	Use	Outdoor
Fuel	Type	99.9% gaseous hydrogen or better
	Quality	ISO 14687-2025 Type 1 Grade E Category 2

Benefits:

- ✓ Rapid start-up and fast response for continuous power availability
- ✓ Modular, flexible architecture to match power demand
- ✓ Multiple units can connect in parallel to deliver up to 16kW
- ✓ High availability and predictable performance for mission-critical operations
- ✓ Zero-emission and quiet operation – safer working environment for surrounding areas

Applications:

- ✓ Construction sites
- ✓ Events
- ✓ TV & Broadcasting
- ✓ Remote sites
- ✓ Defence



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

www.intelligent-energy.com/our-products · +44 (0)1509 271271 · sales@intelligent-energy.com