



The IPG Flameless Generator

Offering businesses the most rapid and secure route for replacing your diesel generators at scale

Fuel-agnostic for sustainable power you can rely on

Reduce carbon with one generator running any green fuel, that can call upon conventional fuels if supply disruptions risk power outages.

Pollution-free power for healthier jobsites

Flameless Combustion ensures NOx, CO and PM emissions $\geq 98\%$ lower than Stage V / Tier 4 emissions regulations.

Simple technology for easy diesel genset replacement

A plug and play solution that can be deployed standalone or packaged in 20ft shipping containers and alongside battery storage.

The *only* generator you need for the zero-carbon jobsite of the future

Product specification

Outputs	Power (net AC)	50 / 100 kW modules
	Voltage	415 V / 230 V (3 / 1 phase)
	Frequency	50/60 Hz
Inputs	Fuels	Hydrogen, biomethane, biogas, ammonia, HVO, natural gas, diesel, including blends
Efficiency	Electrical	40%
Emissions	NOx	< 0.2 g/kWh
	CO*	< 0.1 g/kWh*
	PM	0 g/kWh
	Noise at 5 m	< 70 dBA
Physical	Weight	4,500 kg (genset) 8,600 kg (containerised)
	Dimensions	5.7 m x 1.6 m x 1.3 m (genset) 6 m x 2.4 m x 2.6 m (containerised)

*CO emissions are zero when Hydrogen or Ammonia are used.

All values, materials, and specifications shown are for indicative purposes only as a pre-production target and subject to change without notice.



Target net-zero operations, without putting projects at risk

Our clean, fuel-flexible renewable power solution can help your business meet your environmental and social targets, securely and at scale.

Get in touch to find out more about piloting the IPG Flameless Generator in your business.

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