



The IPG Flameless Generator

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

Instant, free carbon savings on diesel, and blend any renewable fuel to go further

65% CO₂ savings for 0% cost increase on diesel*, with flexibility to blend cheapest renewable fuel into mix and cost-effectively scale.

Pollution-free power for healthier jobsites and clean air for local communities

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

Simple technology with low service costs for easy diesel genset replacement

A plug and play solution with simple maintenance that can be deployed standalone or alongside battery storage.

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



Product specification

Outputs	Power (net AC)	50 kVA
Inputs	Fuels	Hydrogen, biomethane, biogas, ammonia, HVO, natural gas, diesel, including blends
Efficiency	Electrical	45%
Emissions	NOx	< 0.2 g/kWh
	CO*	< 0.1 g/kWh
	PM	0 g/kWh
	Noise at 5 m	< 70 dBA
Physical	Weight	3,750 kg (genset) 5,500 kg (container - 1 unit) 14,250 kg (container - 3 units)
	Dimensions	3.75 m x 1.75 m x 1.75 m (genset) 6 m x 2.4 m x 2.6 m (container)

* Based on comparison of 100 kVA diesel generator vs. more efficient IPG Flameless Generator + battery storage solution powering site welfare facilities.

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

Unlock cost-effective carbon savings for clients, without risk.

Our clean, fuel-flexible power generation solution can help your business transition to renewable fuels for onsite power, securely and at scale.

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

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