



# 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

50-90% CO<sub>2</sub> 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 is deployed as a hybrid solution with battery storage.

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

## Flagship product specification

|                    |   |
|--------------------|---|
| Availability       | Purchase from 2026  |
| Power output       | 50 kVA  |
| Compatible fuels   | Hydrogen, biomethane, biogas, ammonia, HVO, natural gas, diesel, including blends and low-quality fuels |
| Product efficiency | 40%   |
| Emissions profile  | NOx < 0.2 g/kWh<br>CO < 0.1 g/kWh<br>PM 0 g/kWh<br>Noise at 5 m < 70 dBA                                |
| Product weight     | 3,000 kg (genset)   |
| Product dimensions | 3 m x 2.4 m x 1.3 m (genset)<br>up to 6 in 20 ft shipping 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.



## Get started today.

A limited number of pilot units are available from 2025 for in-field demonstration projects.

Get in touch to find out more.  
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