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ENGINEERED ENERGY SOLUTIONS

100 kW Tier 4 Final

At Aggreko, we help you reduce emissions. We invest in the latest technology to support your energy journey.

Our new 100 kW Tier 4 Final fleet delivers robust, fuel-efficient temporary power. Our expert technicians install turnkey solutions and monitor your generators remotely. This ensures low-emission power generation through advanced technology.

Our CARB and EPA-certified 100 kW Tier 4F generator offers greater efficiency, low noise, and reduced global and local emissions. With industry-leading emissions, robust packaging, and offshore lifting, this diesel generator provides reliable power for challenging environments.



BENEFITS

- Lower your emissions: Achieve your carbon reduction goals.
- Reduce regulated emissions: Lower NOx, CO, and VOCs.
- Neutralize harmful particulates: Improve air quality on your site.
- Reduced fuel usage and costs: Save money directly on your bottom line.
- Low noise: Ideal for sensitive projects and urban environments.
- Fast installation and commissioning: Quick, plug-and-play setup integrates with your Aggreko ecosystem, saving you time and hassle.
- Faster, more secure site setup: Extend external fuel and DEF fill intervals for greater efficiency.
- Actionable insights: Aggreko Remote Monitoring (ARM) optimizes your on-hire fleet, backed by 24/7 proactive maintenance and fuel service from our Remote Operations Center (ROC).

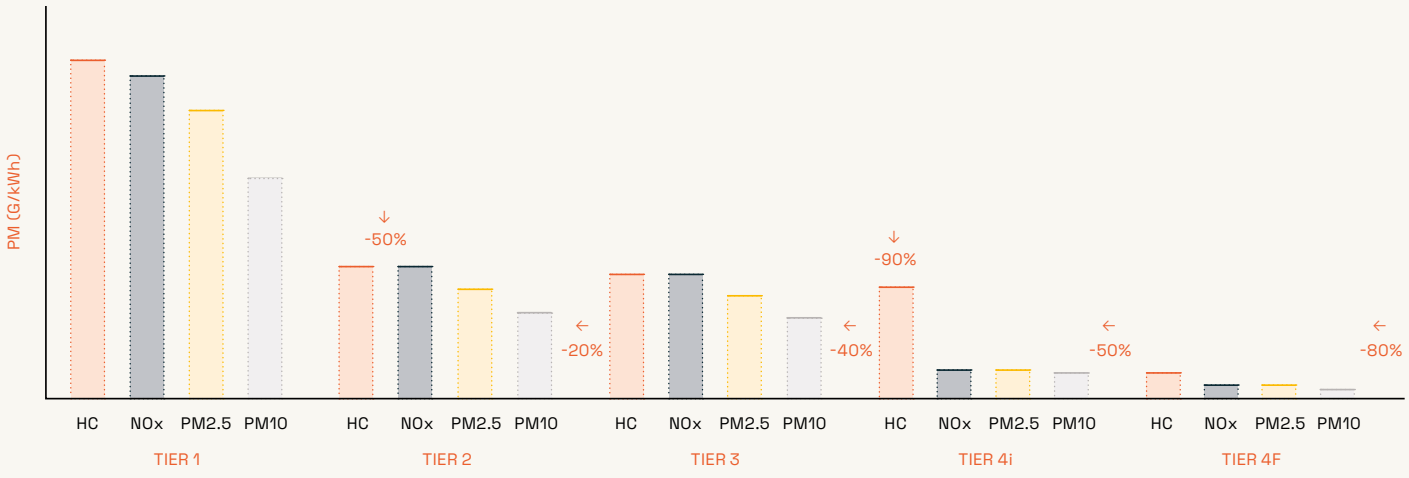
FEATURES

- Reduced emissions: Features like Diesel Particulate Filters, Selective Catalytic Reduction (SCR), and Diesel Oxidation Catalysts (DOC) minimize particulate matter, NOx, and CO for cleaner air.
- Quieter operation: Variable speed fans drastically reduce sound, especially at lower loads, making our generators ideal for urban and noise-sensitive areas.
- Enhanced safety: Built-in Arc Flash detection and physical safety barriers protect your operators on-site.
- Simplified refueling: Internal Diesel Exhaust Fluid (DEF)/AdBlue tanks are sized to match fuel capacity, meaning DEF refills align with fuel refills.
- Flexible setup: External DEF/AdBlue tank options allow for extended refill intervals, support multiple generators, and help reduce your site's physical footprint.

100 kW Tier 4F	
Standby rating (kW)	100 kW (3 Phase) 53 (Single Phase)
Prime rating (kW)	90 kW (3 Phase) 53 (Single Phase)
Continuous rating (kW)	90 kW (3 Phase) 42 (Single Phase)
Voltage options	3 Phase: 480/240/408 Single Phase: 240/120
Fuel consumption	0.0800 gall/kW-hr
DEF consumption	0.0057 gall/kW-hr

Length	10.08 ft
Width	4.17 ft
Height	6.41 ft
Weight (gross with fuel)	6560 lbs
Fuel capacity/DEF capacity	130 gall/15 gall
Run hrs @ Prime	20 hrs (fuel) 32 hrs (DEF)
Noise level	68 dB @ 21 ft
NOx – Oxides of Nitrogen	0.13 g/bhp-hr
CO – Carbon Monoxide	0.00 g/bhp-hr
PM – Particulate Matter	0.01 g/bhp-hr

Tier 4F engines produce 99% less NOx and PM emissions than Tier 1 engines



HYDROCARBON (HC)
NITROUS OXIDE (NOX)
PARTICULATE MATTER SMALLER THAN 2.5 MICRONS (PM2.5)
PARTICULATE MATTER SMALLER THAN 10 MICRONS (PM10)

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