

# Generator Set

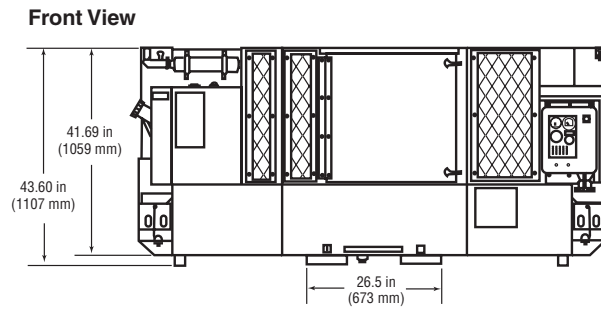
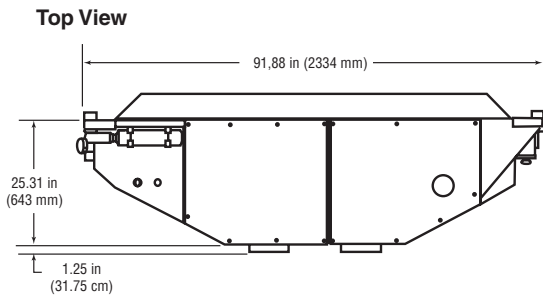
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Clip-on /Liquid Cooled  
Model COG 340 PL



**KLINGE CORPORATION**

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## General

The COG 340 PL series of generator sets is designed specifically to meet the rigorous demands of over the road and rail transport of refrigerated containers.

- Attaches to all ISO containers.
- All service components are accessible with unit mounted.
- Full top lifting with unit attached.
- No interference with refrigeration unit's airflow and controls.
- 15 kW (18.75 kVA) continuous output.
- Fault protection system with indicators for cause of shut down.

## Construction

- Welded steel frame with forklift pockets and integral large capacity fuel tank.
- Aluminium doors and panels.
- Stainless steel hardware.
- Corrosion resistant finish.
- Waterproof control box.

## Temperature operating range

- -25°F to 122°F (-32°C to 50°C).

## Usable Fuel Capacity

- 120 Gal /454 l (approx 120 HR of operation).

## Weight

- Tare weight with all fluids except fuel 1620 Lbs / 735 Kg.
- Weight with fuel 2500 Lbs /1135 Kg.

## Mounting

- Quick-latch, simple patented design for rapid corner casting mounting.
- One wrench attachment.
- Header pin mounting system also available.
- Universal design makes possible to deliver convertible units, which make possible conversion from corner casting to pin mount or vice versa. (To be ordered only if gensets will be used on containers built in accordance with ISO standard 1496 - 2.
- Meets American and European railroad standards.

## Engine

- Isuzu Diesel, 2,2 l, 4 cylinder liquid cooled 34 BHP (25kw) at 1800 RPM.
- 18 Qt (17 l) oil capacity providing 1000 operation hours between oil changes.
- Glow plugs assisted start.
- Fuel filter/water separator assembly with incorporated 12 V - 200 Watt heater.
- Automatic air bleeding system provided by the engine's electromagnetic fuel pump.

## Generator

- Lima 15kW. (18.75 kVA) 460/230 V 60 Hz brushless and self-regulating specially engineered for reefer applications.
- Labyrinth baffled air intake minimizes solid particle and moisture penetration.
- Single sealed heavy-duty bearing.

## Controls

- AC voltmeter, DC ammeter, hour meter, frequency-measuring receptacle, load switch, coolant temperature and oil pressure gauge.
- Easy two switch operation "on/off" and "start/preheat".
- An electronic control and fault protection system protects against low oil pressure, high coolant temperature, single phasing, overload, battery drain and personal injury from inadvertent removal of plug. Fault indication led's remain lit until corrective action is taken. Controls are labeled in both English and Spanish; other languages are available on request.

## Options

- Dual side - fuel fill
- 20 kW (25kVA) / 416 - 480 V Generator.

## Running Time

- Typical service load 160 hr
- Continuous full load 120 hr

All specifications are subject to change without notice. For further information about this or any Klinge-product, please contact us at any of our offices.

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