



Image shown may not reflect actual configuration.

Enclosures

D800 GC – D1250 GC NA

C27 / C32

Sound Attenuated and Weather Protective

These sound attenuated and weather protective, factory installed enclosures are designed for safety and aesthetic value. Rugged construction provides weather protection and the ability to withstand exposure to the elements.

FEATURES

Robust/Highly Corrosion-Resistant Construction

- Environmentally friendly, polyester powder-baked paint in Caterpillar White
- Zinc plated and stainless steel fasteners
- 14-Gauge steel construction
- Flat roof with protection for water ingress from rain
- Critical grade internally mounted muffler/exhaust system
- Soft mounted isolators
- 75 dbA @ 7m for sound attenuated enclosures
- 100 mph wind loading
- Refer TMI for ambient capability data

Excellent Access

- Control panel mounted on RH side with an optional auxiliary box on the LH side of the package
- Large cable entry area for the ease of installation
- Left-hand or Right-hand bottom entry access to power cable bus or circuit breaker
- Multiple doors on both sides allow easy access to service points
- Hinged doors allow 180° opening rotation
- Lube oil and coolant drains piped to exterior of enclosure and terminated drain valves
- Radiator fill cover

Options

- Weather protective enclosure available with same footprint
- Interior DC lighting systems
- Caterpillar White paint (default)
- 100 (factory installed), 3000 and 4000 (shipped loose) gallon fuel tanks

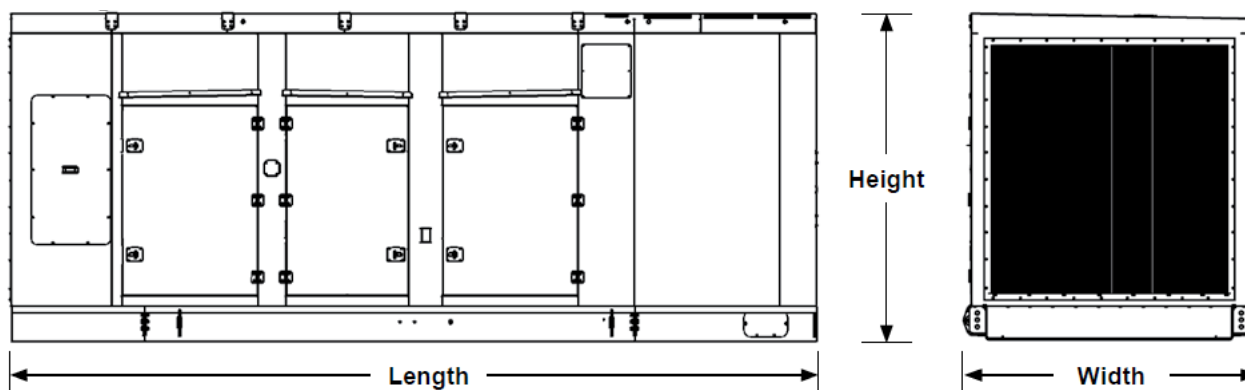
Security and Safety

- Lockable access doors with standard key use
- Cooling fan and battery charging alternator fully guarded
- Oil fill and battery can only be reached via lockable access
- External fuel connections
- Externally mounted emergency stop buttons
- Designed for spreader bar lifting to ensure safety

Certifications

- UL 2200 listed & cUL
- Seismic certification per applicable building codes: IBC 2021
- Tested and analysed in accordance with: ASCE 7-98, ASCE 7-02, ASCE 7-05, ICC-ES AC-156

Enclosure Weights and Dimensions



| Sound Attenuated Enclosure Base Options* | Weight kgs (lbs) | Length mm (in) | Width mm (in) | Height mm (in) |
|--|---------------------|-------------------|------------------|-------------------|
| With lifting base | 2672 (5891) | 6610 (260) | 2342 (92.2) | 2350 (92.5) |
| With 2100 gal integral tank base | 4891 (10783) | 7620 (300) | 2350 (92.5) | 3265 (128.5) |
| With 3000 gal tank with lifting base | 5638 (12429) | 7646 (301) | 2471 (97) | 3565 (140) |
| With 4200 gal tank with lifting base | 6563 (14468) | 7646 (301) | 2471 (97) | 3870 (152) |

| Weather Protective Enclosure Base Options* | Weight kgs (lbs) | Length mm (in) | Width mm (in) | Height mm (in) |
|--|---------------------|-------------------|------------------|-------------------|
| With lifting base | 2452 (5405) | 6610 (260) | 2342 (92.2) | 2350 (92.5) |
| With 2100 gal integral tank base | 4671 (10298) | 7620 (300) | 2350 (92.5) | 3265 (128.5) |
| With 3000 gal tank with lifting base | 5418 (11944) | 7646 (301) | 2471 (97) | 3565 (140) |
| With 4200 gal tank with lifting base | 6343 (13984) | 7646 (301) | 2471 (97) | 3870 (152) |

Note: For reference only – do not use for installation design. Please contact your dealer for exact weights and dimensions.

*Weight does not include package generator set weight.

Exhaust Back-Pressure Data

| Generator Set Models | Enclosed Set L2 (75 dBA) kPa (allowable) at 100% Load |
|----------------------|--|
| D800 GC | — |
| D1000 GC | — |
| D1250 GC | 6.7 |

Generator Set Weights

| Generator Set Weights** | Weight kgs (lbs) |
|-------------------------|---------------------|
| C27 Open generator set | 5813 (12815) |
| C32 Open generator set | 6798 (14987) |

**Dry Weight of heaviest configuration and without base rail weight (Does not include exhaust system weights).

www.cat.com/electricpower

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