



Picture shown may not reflect actual configuration

Sound Attenuated / Weather Protective Enclosures for 3412C Powered Generator Sets

Larne 50 / 60 Hz

These factory installed enclosures include installed silencers, and are designed for safety and aesthetic value. The enclosure is mounted on either an integral fuel tank base or a wide fabricated steel base. Rugged construction provides weather protection and a high degree of sound reduction.

Features

Robust / Highly Corrosion Resistant Construction

- Environmentally friendly, polyester powder baked paint in Caterpillar yellow or white
- Zinc plated or stainless steel fasteners
- 4 Gauge steel construction
- Internally mounted exhaust silencing system

Excellent Access

- Control panel mounted on right side of package
- Large cable entry area for ease of installation
- Accommodates right side entry access to power terminal strips 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 with drain valves
- Radiator fill cover

Security and Safety

- Lockable access doors with standard key
- Cooling fan and battery charging alternator fully guarded
- Externally mounted emergency stop button
- Designed for spreader-bar lifting to ensure safety
- Control panel viewing window

Options

- Interior lighting system
- 1200L (317 Gal) integral fuel tank in base

Sound Attenuated Enclosure Operating Characteristics

Generator Set Standby Rating 50 Hz — kVA 60 Hz — ekW	50 Hz (1500 rpm)					60 Hz (1800 rpm)			
	LWA (dBA)	dBA @ Full Load		Ambient * °C (°F)		dBA @ Full Load		Ambient* °C (°F)	
		1m (3.3 ft)	7m (23 ft)	Standby	Prime	1m (3.3 ft)	7m (23 ft)	Standby	Prime
700	—	—	—	—	—	85	73	46 (114)	45 (113)
750	104	83	72	55 (131)	54 (129)	85	74	44 (111)	44 (111)
800	104	83	72	51 (123)	49 (120)	85	75	41 (105)	41 (105)
900	104	83	72	46 (114)	46 (114)	—	—	—	—

*Ambient measured with Caterpillar Extended Life Coolant.

Enclosure Dimensions

	Sound Attenuated	Weather Protective
Dimensions:		
Length — mm (inch)	5900 (232)	5260 (207)
Height w/base — mm (inch)	2564 (101)	2564 (101)
Width w/base — mm (inch)	2238 (88)	2238 (88)
Approximate Weight of Package:		
kg (lb)	9270 (20,394)	8812 (19,430)

For reference only. Do not use for installation design. Please contact your local dealer for exact weights and dimensions.

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