



Picture shown may not reflect actual package

## 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 yellow, white, beige or ASA 61 gray
- Zinc plated or stainless steel fasteners
- 14 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
- UL listed integral fuel tank in base
- UL listed sub-base fuel tank
- Industrial, residential, or critical grade internally mounted muffler/exhaust system (weather protective only)

## SOUND ATTENUATED ENCLOSURE OPERATING CHARACTERISTICS

Generator Set Standby Rating 50 Hz — kVA 60 Hz — ekW	50 Hz (1500 rpm)					60 Hz (1800 rpm)			
	EEC	dBA @ Full Load		Ambient* °C (°F)		dBA @ Full Load		Ambient* °C (°F)	
		1 m (3'4")	7 m (23'0")	SB	PP	1 m (3'4")	7 m (23'0")	SB	PP
550	LWA 101	83	72	58 (136)	55 (131)	85	73	56 (132)	54 (129)
600	LWA 101	83	72	58 (136)	56 (132)	85	73	54 (129)	51 (123)
650	LWA 101	83	72	55 (131)	53 (127)	85	73	49 (120)	48 (118)
700	LWA 101	83	72	52 (125)	50 (122)	85	73	46 (114)	45 (113)
750	LWA 104	83	72	55 (131)	54 (129)	85	74	44 (111)	44 (111)
800	LWA 104	83	72	51 (123)	49 (120)	85	75	41 (105)	41 (105)
900	LWA 104	83	72	46 (114)	46 (114)	85	75	NA	NA

\*Ambient measured with Caterpillar Extended Life Coolant

## ENCLOSURE DIMENSIONS

	Sound Attenuated	Weather Protective
<b>Dimensions:</b>		
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)
<b>Approximate Weight of Package:</b>		
500 kVA/500 ekW — kg (lb)	7945 (17,479)	7490 (16,515)
900 kVA/800 ekW — 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.

Information contained in this publication may be considered confidential.

Discretion is recommended when distributing.

Materials and specifications are subject to change without notice.

CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow" and the POWER EDGE trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

[www.cat-electricpower.com](http://www.cat-electricpower.com)

Larne Sourced

LEHX9088-03 (09-08)

© 2008 Caterpillar  
All Rights Reserved.  
Printed in U.S.A.