



C18 High Ambient Acoustic Enclosures

50 Hz / 60 Hz

These high ambient, factory installed enclosures incorporate internally mounted residential level silencers, designed for safety and aesthetic value on integral fuel tank base or optional dual wall integral fuel tank base for total fluid containment. These enclosures are of extremely rugged construction to withstand exposure to the elements and provide weather protection.

Image shown may not reflect actual configuration.

Features

Robust / Highly Corrosion Resistant Construction

- Factory installed on integral fuel tank base
- Environmentally friendly, polyester powder baked paint
- 1.6 mm (0.063 in) galvanized steel
- All around overhanging base to protect enclosure
- High-grade engineering thermoplastic corner posts for protection
- Compression door latches giving solid door seal
- Zinc plated or black coated stainless steel
- Internally mounted residential exhaust silencing system

Excellent Access

- Large cable entry area for installation ease
- Accommodates rear mounted breaker and control panel
- Double doors on both sides
- Vertically hinged doors with solid bar doors stays to hold doors open at 135° rotation
- Lube oil and coolant drains pipes to exterior of enclosure and terminated drain valves
- Radiator fill cover

Security and Safety

- Lockable access doors which give full access to control panel and breaker
- Cooling fan and battery charging alternator fully guarded
- Fuel fill, oil fill and battery can only be reached via lockable access
- Externally mounted emergency stop button
- Designed for spreader-bar lifting to ensure safety
- Control panel viewing window
- Stub-up area is rodent proof

Options

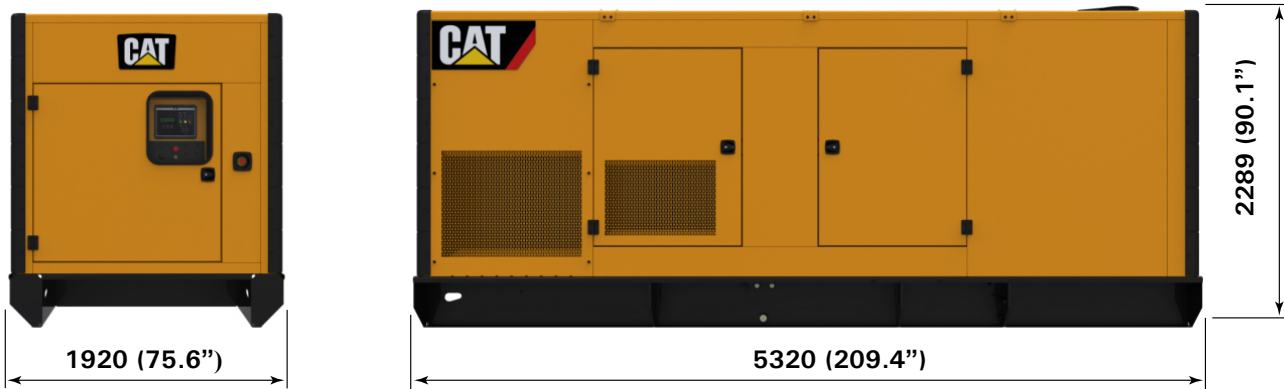
- Caterpillar yellow or white paint
- Integral dual wall fuel tank base for total fluid (fuel, oil and coolant)

Enclosure Package Operating Characteristics

Model	kVA	ekW	SB/PP	Sound Pressure Levels dBA				Air Flow Rate		Ambient Capability at 100% Load*	
				1m (3.3 ft)		7m (23 ft)		m³/s	cfm	°C	°F
				75% Load	100% Load	75% Load	100% Load				
50 Hz											
DE605E0	550	440	PP	84	85	76	77	6.1	12925	53	127
	605	484	SB	84	85	76	78	6.1	12925	56	133
DE660E0	600	480	PP	84	85	76	78	6.1	12925	51	124
	660	528	SB	85	86	77	78	6.1	12925	54	129
DE715E0	650	520	PP	85	86	77	78	6.1	12925	49	120
	715	572	SB	85	86	77	79	6.1	12925	52	126
60 Hz											
DE550SE0	625	500	PP	87	88	78	78	7.8	16527	53	127
	688	550	SB	88	88	78	79	7.8	16527	56	133
DE600SE0	681	545	PP	88	88	78	79	7.8	16527	50	122
	750	600	SB	88	88	78	79	7.8	16527	53	127

*Ambient capability measured with the Cat extended life coolant at sea level.

Weights and Dimensions



Approximate weight of enclosure package: 5952 kg (13122 lb). Exact weight is dependent on options. Enclosure weight includes: high ambient acoustic enclosure, exhaust system, base and generator set.

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