



C9 ACERT™ Sound Attenuated Level 1 Enclosure

50 Hz: 230 – 275 kVA
60 Hz: 180 – 250 ekW

Image shown may not reflect actual configuration.

Features

Robust/Highly Corrosion Resistant Construction

- Galvanized steel construction
- Factory installed on integral fuel tank base
- Environmentally friendly, polyester powder baked paint
- Compression door latches giving solid door seal
- Zinc-plated or black-coated stainless steel fasteners
- Internally-mounted critical exhaust silencing system

Excellent Access

- Large cable entry area for installation ease
- Accommodates side mounted breaker and control panel
- Vertically-hinged double doors on both sides
- Removable ducts providing maintenance access with enclosure in place
- Lube oil and coolant drains piped to base frame side rail, on exterior
- 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

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)		m ³ /s	cfm	°C	°F
				75% Load	100% Load	75% Load	100% Load				
50 Hz											
DE250E0	250	200	SB	83	84	73	74	4.5	9464	47	117
	230	184	PP	83	84	73	73	4.5	9464	50	122
DE275E0	275	220	SB	83	84	73	74	4.5	9464	44	111
	250	200	PP	83	84	73	74	4.5	9464	47	117
60 Hz											
DE200SE0	250	200	SB	88	88	78	79	5.6	11830	52	126
	225	180	PP	88	88	78	79	5.6	11830	55	131
DE250SE0	312.5	250	SB	88	89	79	79	5.6	11830	45	113
	281.3	225	PP	88	89	78	79	5.6	11830	48	118

*Ambient capability measured with Caterpillar Extended Life Coolant at sea level.



Model	Weight*		Fuel Capacity				Estimated Run Time at 100% Prime
			Fillable		Usable		
	kg	lb	L	U.S. gal	L	U.S. gal	hours
DE250E0	2447	5395	473	125	438	116	9.1
DE275E0	2447	5395	473	125	438	116	8.4
DE200SE0	2362	5207	473	125	438	116	8.9
DE250SE0	2447	5395	473	125	438	116	7.3

*Weight with lube oil, coolant, no fuel. Exact weight is dependent on options.

www.cat.com/electricpower

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