



Image shown may not reflect actual configuration

C9 ACERT™ Sound Attenuated Level 1 and Level 2 Enclosures

50 Hz: 275-330 kVA
60 Hz: 250-300 ekW

Features

Robust/Highly Corrosion-Resistant Construction

- Factory-installed on integral fuel tank base
- Environmentally-friendly, polyester powder baked paint
- All-round 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 fasteners
- Internally mounted critical exhaust silencing system

Excellent Access

- Large cable entry area for installation ease
- Accommodates rear-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 cove

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

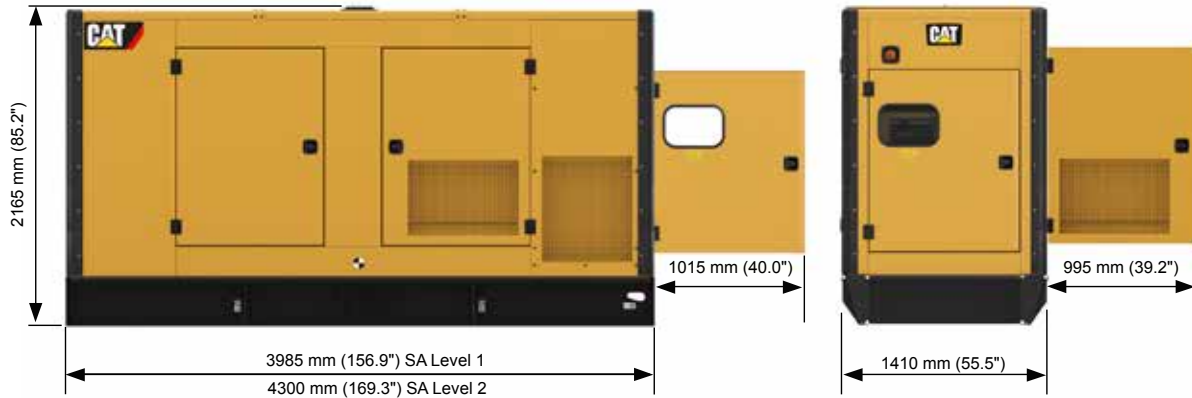
- Caterpillar yellow or white paint
- Integral dual wall fuel tank base for total fluid containment (fuel, oil, and coolant) DEFRA compliant
- Integral lifting frame

Enclosure Package Operating Characteristics

Model	kVA	ekW	SB/PP	Sound Pressure Levels dBA				Air Flow Rate		Ambient Capability at 100% Load*	
				1 m (3.3 ft)		7 m (23 ft)					
				75% Load	100% Load	75% Load	100% Load	m ³ /s	cfm	°C	°F
50 Hz SA Level 2											
DE300E3	300	240	SB	74	76	67	69	4.6	9747	47	117
	275	220	PP	74	76	67	68	4.6	9747	50	122
DE300E0	300	240	SB	74	76	67	69	4.6	9747	51	124
	275	220	PP	74	75	67	68	4.6	9747	54	129
DE330E0	330	264	SB	75	76	68	70	4.6	9747	48	118
	300	240	PP	74	76	67	69	4.6	9747	51	124
60 Hz SA Level 2											
DE275SE0	343.8	275	SB	78	80	69	71	5.4	11477	53	127
	312.5	250	PP	78	79	69	70	5.4	11477	56	133
DE300SE3	375	300	SB	78	80	69	72	5.4	11477	43	109
	300	270	PP	78	80	69	71	5.4	11477	48	118
DE300SE0	375	300	SB	79	80	70	72	5.4	11477	50	122
	337.5	270	PP	78	79	69	71	5.4	11477	54	129
50 Hz SA Level 1											
DE300E3	300	240	SB	79	80	70	70	4.5	9464	47	117
	275	220	PP	78	79	69	70	4.5	9464	50	122
DE300E0	300	240	SB	79	80	70	71	4.5	9464	53	127
	275	220	PP	79	80	70	71	4.5	9464	56	133
DE330E0	330	264	SB	80	76	70	70	4.5	9464	50	122
	300	240	PP	79	76	70	69	4.5	9464	53	127
60 Hz SA Level 1											
DE275SE0	343.8	275	SB	82	83	72	73	5.4	11477	48	118
	312.5	250	PP	82	83	72	72	5.4	11477	52	126
DE300SE3	375	300	SB	82	83	72	73	5.4	11477	44	111
	300	270	PP	82	83	72	73	5.4	11477	49	120
DE300SE0	375	300	SB	82	83	72	73	5.4	11477	44	111
	337.5	270	PP	82	83	72	73	5.4	11477	49	120

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

Weights and Dimensions



Model	Weight*				Fuel Capacity				Estimated Run Time at 100% Prime
	SA Level 1 Package		SA Level 2 Package		Fillable		Usable		
	kg	lb	kg	lb	L	U.S. gal	L	U.S. gal	hours
DE300E3	3276	7222	3404	7505	665	176	610	161	10.1
DE300E0									10.5
DE330E0	3396	7487	3524	7769	665	176	610	161	9.8
DE275SE0	3276	7222	3404	7505	665	176	610	161	9.2
DE300SE3									8.2
DE300SE0									9.2

*Includes enclosed generator set filled with oil and coolant (no fuel). Exact weight is dependent on options