



C9 ACERT™ Sound Attenuated Level 1 and Level 2 Enclosures

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

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
- 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 baseframe side rail, on exterior
- Coperchio di riempimento del radiatore

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

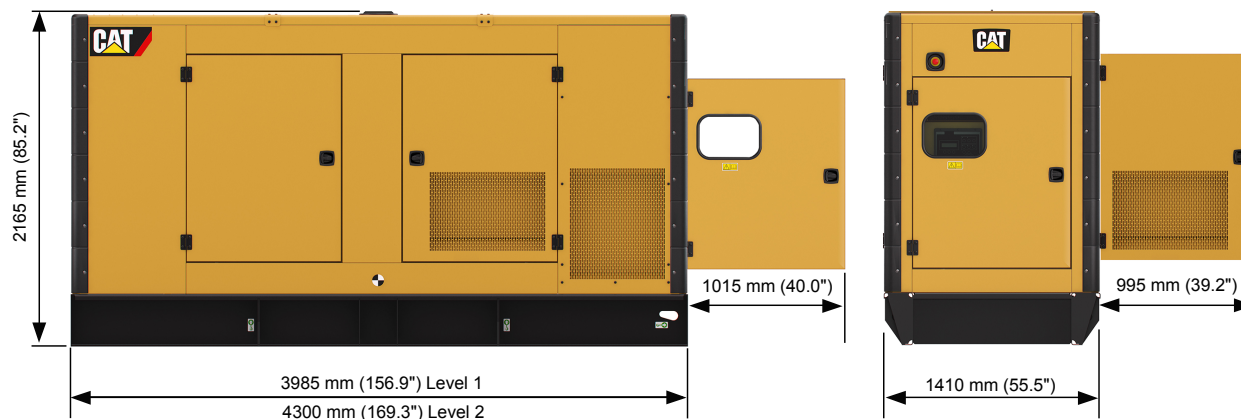
- Caterpillar yellow or white paint
- Integral dual wall fuel tank base for total fluid containment (fuel, oil, and coolant) DEFRA compliant
- Integral lifting frame

Enclosure Package Operating Characteristics

Model	kVA	ekW	SP/ PP	LWA	Sound Pressure Levels BA				Air Flow Rate		Ambient Capability at 100% Load*	
					1m (3.3 ft)		7m (23 ft)					
					75% Load	100% Load	75% Load	100% Load	m³/s	cfm	°C	°F
50 Hz Level 2												
DE300E3	300	240	SB	97	74	76	67	69	4.6	9747	47	117
	275	220	PP	97	74	76	67	68	4.6	9747	50	122
DE300E0	300	240	SB	97	74	76	67	69	4.6	9747	51	124
	275	220	PP	97	74	75	67	68	4.6	9747	54	129
DE330E0	330	264	SB	97	75	76	66	70	4.6	9747	48	118
	300	240	PP	97	74	76	67	69	4.6	9747	51	124
60 Hz Level 2												
DE275SE0	344	275	SB	–	78	80	69	71	5.4	11477	53	127
	313	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	279	PP	–	78	80	69	71	5.4	11477	48	118
DE300SE0	375	300	SB	–	79	80	70	72	5.4	11477	50	122
	338	270	PP	–	78	79	69	71	5.4	11477	54	129
50 Hz 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 Level 1												
DE275SE0	344	275	SB	–	82	83	72	73	5.4	11477	48	118
	313	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	279	PP	–	82	83	72	73	5.4	11477	49	120
DE300SE0	375	300	SB	–	82	83	72	73	5.4	11477	44	111
	338	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 hours
	Level 1 Package		Level 2 Package		Fillable		Usable		
	kg	lb	kg	lb	L	U.S. gal	L	U.S. gal	
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

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

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