



Image shown might not reflect actual configuration

C9 ACERT™ Sound Attenuated Level 1 & Level 2 Enclosures

50 Hz: 230 – 330 kVA

60 Hz: 180 – 300 ekW

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
- All-round overhanging base to protect enclosure (Lvl-1, Lvl2: 275-330 kVA)
- High grade engineering thermoplastic corner posts for protection

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
- Integral dual wall fuel tank base for total fluid containment (fuel, oil, and coolant) DEFRA compliant (Lvl-1, Lvl2: 275-330 kVA)
- Integral lifting frame

Enclosure Package Operating Characteristics

A. Sound Attenuated- Level 1

Model	Hz	kVA	SB/PP	Sound Pressure Levels dBA				Air Flow Rate		Ambient Capability @100% Load	
				1m (3.3ft)		7m (23ft)		m³/s	cfm	°C	°F
				75% Load	100% Load	75% Load	100% Load				
DE250E0	50	250	SB	83	84	73	74	4.5	9535	47	117
	50	230	PP	83	84	73	74	4.5	9535	50	122
DE275E0	50	275	SB	83	84	73	74	4.5	9535	44	111
	50	250	PP	83	84	73	74	4.5	9535	47	117
DE200SE0	60	250	SB	88	88	78	79	6.0	12173	52	125
	60	225	PP	88	88	78	79	6.0	12173	55	131
DE250SE0	60	313	SB	88	89	79	79	6.0	12173	45	112
	60	281	PP	88	89	78	79	6.0	12173	48	119

Note: Sound level measurements are subject to instrumentation, installation and manufacturing variability, as well as ambient site conditions.

B. Sound Attenuated- Level 2

Model	Hz	kVA	SB/PP	Sound Pressure Levels dBA				Air Flow Rate		Ambient Capability @100% Load	
				1m (3.3ft)		7m (23ft)		m³/s	cfm	°C	°F
				75% Load	100% Load	75% Load	100% Load				
DE250E0	50	250	SB	75.2	76.0	67.3	68.5	4.6	9747	49	121
	50	230	PP	75.0	75.8	67.1	68.1	4.6	9747	52	125
DE275E0	50	275	SB	75.5	76.3	67.7	68.9	4.6	9747	47	116
	50	250	PP	75.2	76.0	67.3	68.5	4.6	9747	49	121
DE275E3	50	275	SB	75.0	76.6	67.6	69.3	4.6	9747	49	120
	50	250	PP	74.7	76.0	67.1	68.7	4.6	9747	52	126
DE300E0	50	300	SB	75.7	76.6	68.0	69.3	4.6	9747	44	111
	50	275	PP	75.5	76.3	67.7	68.9	4.6	9747	47	116
DE300E3	50	300	SB	75.4	77.2	68.1	70.0	4.6	9747	46	114
	50	275	PP	75.0	76.6	67.6	69.3	4.6	9747	49	120
DE330E0	50	330	SB	76.0	76.9	68.4	69.7	4.6	9747	40	104
	50	300	PP	75.7	76.6	68.0	69.3	4.6	9747	44	111
DE200SE0	60	250	SB	77.8	78.8	68.8	70.1	5.5	11654	55	131
	60	225	PP	77.6	78.4	68.4	69.6	5.5	11654	57	135
DE250SE0	60	313	SB	78.5	79.8	69.8	71.7	5.5	11654	49	112
	60	281	PP	78.2	79.3	69.8	70.9	5.5	11654	53	120
DE275SE0	60	344	SB	78.5	80.3	70.3	72.6	5.5	11654	46	112
	60	313	PP	78.5	79.8	69.8	71.7	5.5	11654	50	120
DE300SE0	60	375	SB	79.3	80.9	70.9	73.6	5.5	11654	43	109
	60	338	PP	78.8	80.2	70.9	73.6	5.5	11654	47	116
DE300SE3	60	375	SB	79.7	81.3	70.2	72.4	5.5	11654	44	111
	60	338	PP	79.2	80.6	71.3	73.3	5.5	11654	48	118

Weights & Dimensions

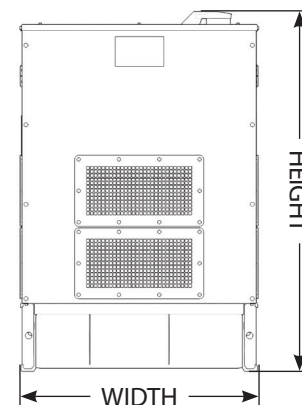
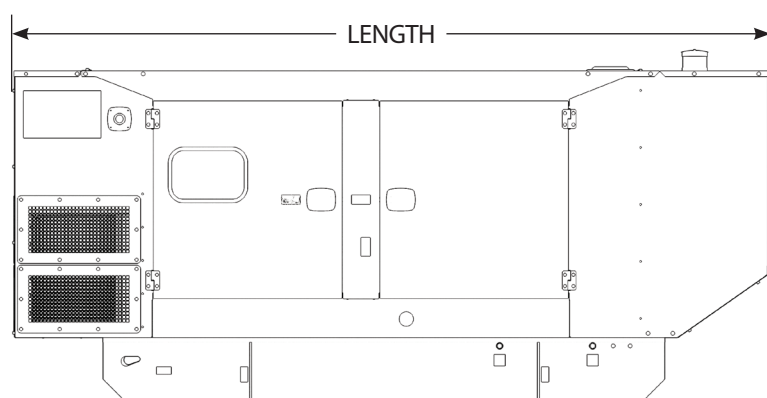
A. Level 1

Model	Weight*		Genset Overall Size (mm)		
	Kg	lb	Length	Width	Height
DE200SE0	2423	5395	3988	1208	1779
DE250E0, DE275E0, DE250SE0	2447	5395	3988	1208	1779

B. Level 2

Model	Weight*		Genset Overall Size (mm)		
	Kg	lb	Length	Width	Height
DE200SE0	2770	6106	3981	1410	2032
DE250E0, DE275E0, DE250SE0	2859	6303	3981	1410	2032
DE275E3, DE300E3, DE300E0	3404	7505	4300	1410	2165
DE330E0	3524	7769	4300	1410	2165
DE275SE0, DE300SE0, DE330SE3	3404	7769	4300	1410	2165

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



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