



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) | | m ³ /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) | | m ³ /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

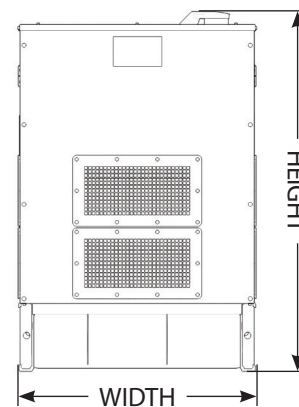
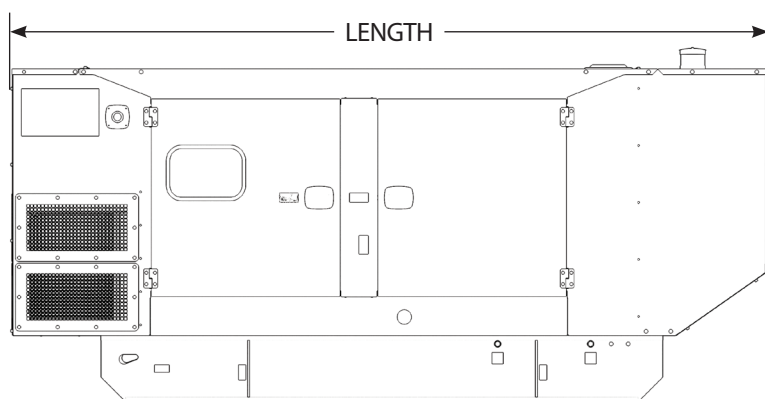
A. Level 1

| 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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