

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

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#### 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 <sup>3</sup> /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 <sup>3</sup> /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 |
| DE300SE3 | 60 | 375 | SB    | 79.7                      | 81.3      | 72.0      | 74.2      | 5.5               | 11654 | 44                           | 111 |
|          | 60 | 338 | PP    | 79.2                      | 80.6      | 71.3      | 73.3      | 5.5               | 11654 | 48                           | 118 |

## Weights & Dimensions

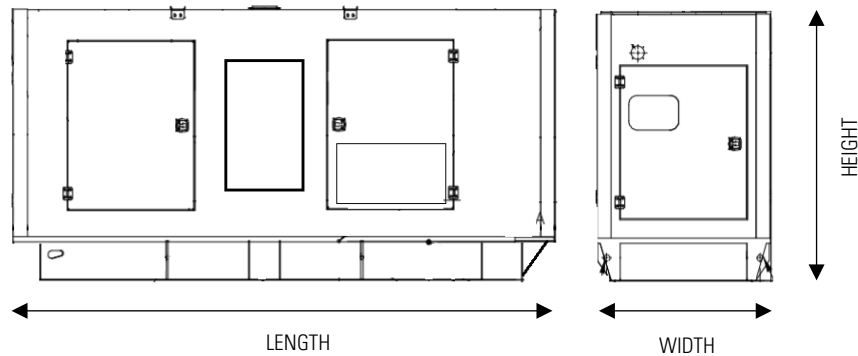
### A. Level 1

| Model                        | Weight* |      | Genset Overall Size(mm) |       |        |
|------------------------------|---------|------|-------------------------|-------|--------|
|                              | Kg      | lb   | Length                  | Width | Height |
| DE250E0, DE275E0, DE250SE0   | 2447    | 5395 | 3988                    | 1208  | 1779   |
| DE300E3, DE300E0             | 3276    | 7222 | 3985                    | 1410  | 2165   |
| DE330E0                      | 3396    | 7487 | 3985                    | 1410  | 2165   |
| DE275SE0, DE300SE0, DE300SE3 | 3276    | 7222 | 3988                    | 1208  | 1779   |

### B. Level 2

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

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



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