



### C13 / C15 / C18 SOUND ATTENUATED ENCLOSURES

US Sourced  
Diesel Generator Set  
350 – 750 ekW 60 Hz

Image shown may not reflect actual configuration

### Features

#### Robust / Highly Corrosion Resistant Construction

- Factory installed on skid base
- Environmentally friendly, polyester powder baked paint
- 14 gauge steel
- Interior zinc plated fasteners
- Exterior stainless steel fasteners
- Internally mounted exhaust silencing system
- Designed and tested to comply with UL 2200 Listed generator set package
- Compression door latches providing solid door seal

#### Excellent Access

- Large cable entry area for installation ease
- Accommodates side mounted single or multiple breakers
- Three doors on both sides
- Vertically hinged allow 180° opening rotation and retention with door stays
- Lube oil and coolant drains piped to the exterior of the enclosure base
- 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
- Stub-up area is rodent proof

#### Transportability

These enclosures are of extremely rugged construction to withstand outdoor exposure and rough handling common on many construction sites.

#### Options

- Enclosure constructed with 14 gauge steel
- Enclosure constructed with 12 gauge aluminum (5052 grade)
- Caterpillar yellow or white paint
- Control panel viewing window
- UL Listed integral fuel tank with 670, 400, and 300 gallon capacities
- UL Listed sub base fuel tank with 660, 1000, 1900, and 2200 gallon capacities.
- Seismic certification per applicable building codes: IBC 2000, IBC 2003, IBC 2006, IBC 2009, IBC 2012, IBC 2015, CBC 2007, CBC 2010
- IBC Certification for 150 mph wind loading
- AC/DC lighting package
- 5 kW Canopy space heater to facilitate compliance with NFPA 110
- Motorized louvers and gravity discharge damper
- 125A Load Center
- GFCI outlets

\*Not available with aluminum enclosures.

### Level 1 Sound Attenuated Enclosure (Steel) Sound Levels

| Model | Standby ekW | Cooling Air Flow Rate |       | Ambient Capability* |     | Sound Pressure Levels (dBA) at 7m (23 ft) |
|-------|-------------|-----------------------|-------|---------------------|-----|---|
|       |             | m <sup>3</sup> /s     | cf    | °C                  | °F  | 100% Load                                 |
| C13   | 350         | 8.5                   | 18010 | 57                  | 135 | 74  |
|       | 400         | 8.5                   | 18010 | 56                  | 133 | 75  |
| C15   | 350         | 10.4                  | 22072 | 59                  | 138 | 73  |
|       | 400         | 10.4                  | 22072 | 51                  | 124 | 73  |
|       | 450         | 10.4                  | 22072 | 46                  | 115 | 74  |
|       | 500         | 12.5                  | 26415 | 48                  | 118 | 75  |
| C18   | 550         | 8.1                   | 17234 | 45                  | 113 | 75  |
|       | 600         | 8.1                   | 17234 | 43                  | 109 | 75  |
|       | 650         | 12.7                  | 26909 | 51                  | 123 | 75  |
|       | 700         | 12.7                  | 26909 | 48                  | 118 | 75  |
|       | 750         | 12.7                  | 26909 | 48                  | 118 | 75  |

### Sound Attenuated Enclosure (Aluminum) Sound Levels

| Model | Standby ekW | Cooling Air Flow Rate |       | Ambient Capability* |     | Sound Pressure Levels (dBA) at 7m (23 ft) |
|-------|-------------|-----------------------|-------|---------------------|-----|---|
|       |             | m <sup>3</sup> /s     | cfm   | °C                  | °F  | 100% Load                                 |
| C13   | 350         | 8.5                   | -     | 57                  | 135 | 75  |
|       | 400         | 8.5                   | -     | 56                  | 133 | 75  |
| C15   | 350         | 10.4                  | 22072 | 59                  | 138 | 72  |
|       | 400         | 10.4                  | 22072 | 51                  | 124 | 73  |
|       | 450         | 10.4                  | 22072 | 46                  | 115 | 74  |
|       | 500         | 12.5                  | 26415 | 48                  | 118 | 75  |
| C18   | 550         | 8.1                   | 17234 | 45                  | 113 | 76  |
|       | 600         | 8.1                   | 17234 | 43                  | 109 | 76  |
|       | 650         | 12.7                  | 26909 | 51                  | 123 | 76  |
|       | 700         | 12.7                  | 26909 | 48                  | 118 | 76  |
|       | 750         | 12.7                  | 26909 | 48                  | 118 | 76  |

**Level 2 Sound Attenuated Enclosure (Steel) Sound Levels**

| Model | Standby ekW | Cooling Air Flow Rate |       | Ambient Capability* |     | Sound Pressure Levels (dBA) at 7m (23 ft) |
|-------|-------------|-----------------------|-------|---------------------|-----|---|
|       |             | m <sup>3</sup> /s     | cfm   | °C                  | °F  | 100% Load                                 |
| C13   | 350         | 7.2                   | 15256 | 50                  | 122 | 70  |
|       | 400         | 7.2                   | 15256 | 50                  | 122 | 70  |
| C15   | 350         | 10.4                  | 22071 | 50                  | 122 | 72  |
|       | 400         | 10.4                  | 22071 | 50                  | 122 | 72  |
|       | 450         | 10.4                  | 22071 | 50                  | 122 | 72  |
|       | 500         | 12.5                  | 26415 | 50                  | 122 | 72  |

\*Cooling system performance at sea level. Consult your Cat® dealer for site specific ambient and altitude capabilities.

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

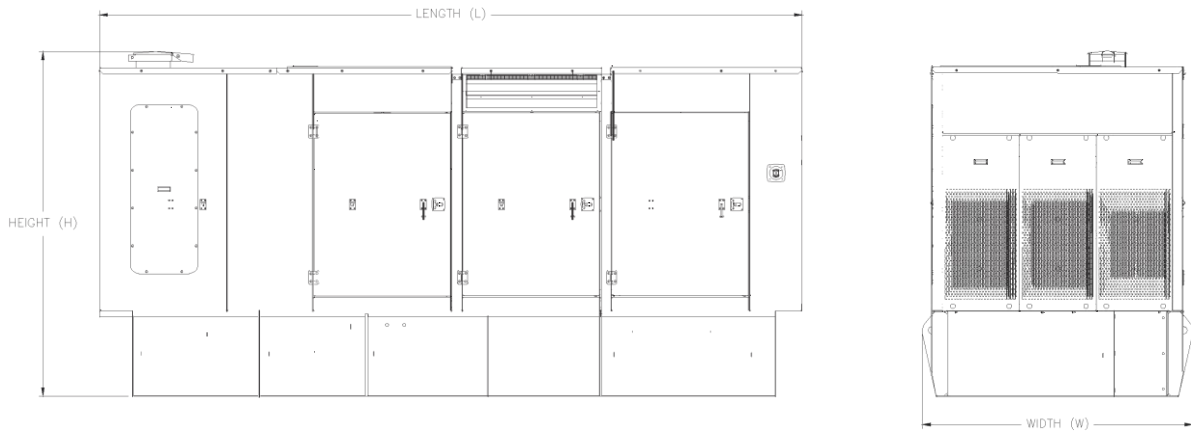
**Component Weights to Calculate Package Weight**

| Model | Standby ekW | Narrow Skid Base |     | Wide Skid Base |      | Sound Attenuated Enclosure (Steel) |      | Sound Attenuated Enclosure (Aluminum) |      |
|-------|-------------|------------------|-----|----------------|------|------------------------------------|------|---------------------------------------|------|
|       |             | kg               | lb  | kg             | lb   | kg                                 | lb   | kg                                    | lb   |
| C13   | 350         | 253              | 578 | 579            | 1276 | 1245                               | 2745 | 765                                   | 1687 |
|       | 400         |                  |     |                |      |                                    |      |                                       |      |
| C15   | 350         | 273              | 602 | 465            | 1025 | 1245                               | 2745 | 765                                   | 1687 |
|       | 400         |                  |     |                |      |                                    |      |                                       |      |
|       | 450         |                  |     |                |      |                                    |      |                                       |      |
|       | 500         |                  |     |                |      |                                    |      |                                       |      |
| C18   | 550         | 301              | 664 | 466            | 1027 | 1301                               | 2868 | 817                                   | 1801 |
|       | 600         |                  |     |                |      |                                    |      |                                       |      |
|       | 650         | 286              | 630 | 637            | 1404 | 1393                               | 3071 | 887                                   | 1955 |
|       | 700         |                  |     |                |      |                                    |      |                                       |      |
|       | 750         |                  |     |                |      |                                    |      |                                       |      |

**Sound Attenuated Enclosure on Skid Base**

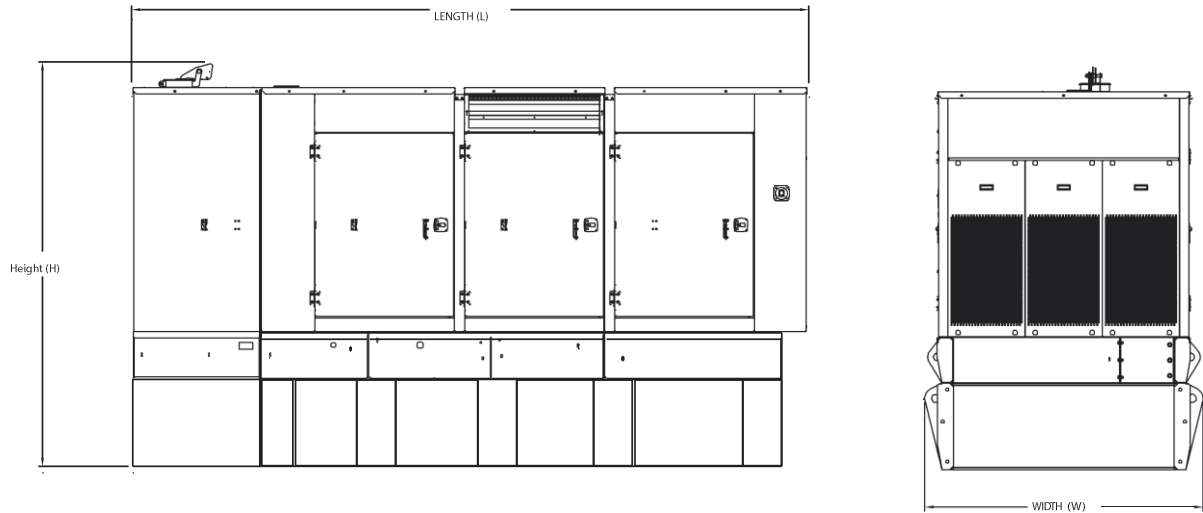
| Model | Standby ekW | Length "L" |       | Width "W" |      | Height "H" |      |
|-------|-------------|------------|-------|-----------|------|------------|------|
|       |             | mm         | in    | mm        | in   | mm         | in   |
| C13   | 350         | 4948       | 194.8 | 2014      | 79.3 | 2320       | 91.3 |
|       | 400         |            |       |           |      |            |      |
| C15   | 350         | 4948       | 194.8 | 2014      | 79.3 | 2320       | 91.3 |
|       | 400         |            |       |           |      |            |      |
|       | 450         |            |       |           |      |            |      |
|       | 500         |            |       |           |      |            |      |
| C18   | 550         | 5183       | 204.0 | 2014      | 79.3 | 2262       | 89.0 |
|       | 600         |            |       |           |      |            |      |
|       | 650         | 5230       | 205.9 | 2315      | 91.1 | 2253       | 88.7 |
|       | 700         |            |       |           |      |            |      |
|       | 750         |            |       |           |      |            |      |

Sound Attenuated Enclosure on a UL Listed Integral Fuel Tank Base



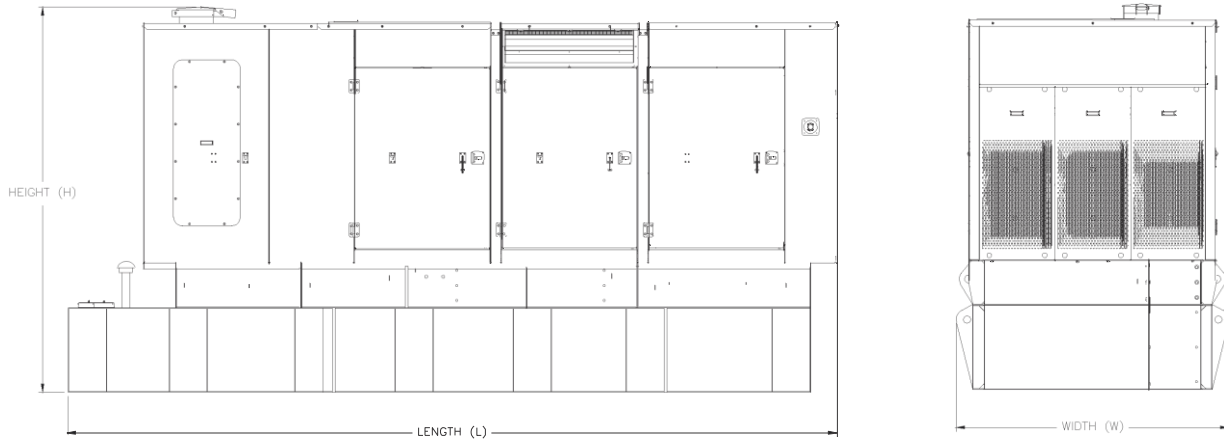
| Model | Standby<br>ekW | Length "L" |       | Width "W" |      | Height "H" |       |
|-------|----------------|------------|-------|-----------|------|------------|-------|
|       |                | mm         | in    | mm        | in   | mm         | in    |
| C13   | 350            | 5461       | 215.0 | 2014      | 79.3 | 2743       | 108.0 |
|       | 400            |            |       |           |      |            |       |
| C15   | 350            | 4948       | 194.8 | 2014      | 79.3 | 2619       | 103.0 |
|       | 400            |            |       |           |      |            |       |
|       | 450            |            |       |           |      |            |       |
|       | 500            |            |       |           |      |            |       |
| C18   | 550            | 5187       | 204.2 | 2014      | 79.3 | 2561       | 101.0 |
|       | 600            |            |       |           |      |            |       |
|       | 650            | 6977       | 274.7 | 2315      | 91.1 | 2675       | 105.3 |
|       | 700            |            |       |           |      |            |       |
|       | 750            |            |       |           |      |            |       |

### Sound Attenuated Enclosure on a UL Listed 660 Gallon Sub-Base Fuel Tank Base



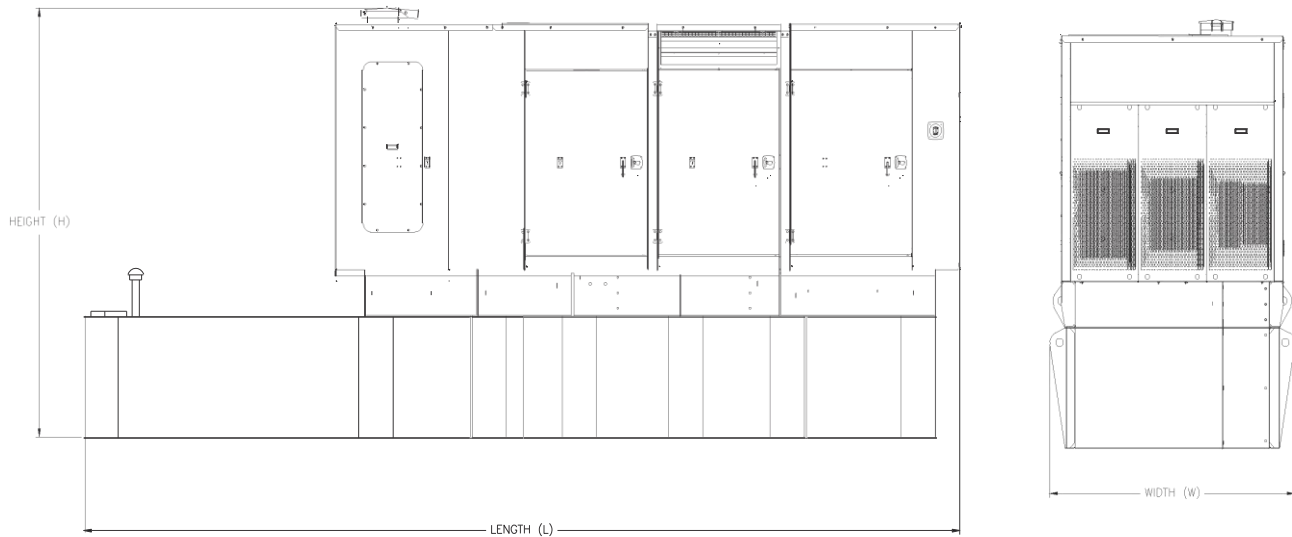
| Model | Standby<br>ekW | Length "L" |       | Width "W" |      | Height "H" |       |
|-------|----------------|------------|-------|-----------|------|------------|-------|
|       |                | mm         | in    | mm        | in   | mm         | in    |
| C13   | 350            | 4948       | 194.8 | 2056      | 80.9 | 2955       | 116.3 |
|       | 400            |            |       |           |      |            |       |
| C15   | 350            | 4948       | 194.8 | 2056      | 80.9 | 2955       | 116.3 |
|       | 400            |            |       |           |      |            |       |
|       | 450            |            |       |           |      |            |       |
|       | 500            |            |       |           |      |            |       |
| C18   | 550            | 5184       | 204.1 | 2056      | 80.9 | 2897       | 114.1 |
|       | 600            |            |       |           |      |            |       |

### Sound Attenuated Enclosure on a UL Listed 1000 Gallon Sub-Base Fuel Tank Base



| Model | Standby<br>ekW | Length "L" |       | Width "W" |      | Height "H" |       |
|-------|----------------|------------|-------|-----------|------|------------|-------|
|       |                | mm         | in    | mm        | in   | mm         | in    |
| C13   | 350            | 5751       | 226.4 | 2056      | 80.9 | 2955       | 116.3 |
|       | 400            |            |       |           |      |            |       |
| C15   | 350            | 5751       | 226.4 | 2056      | 80.9 | 2955       | 116.3 |
|       | 400            |            |       |           |      |            |       |
|       | 450            |            |       |           |      |            |       |
|       | 500            |            |       |           |      |            |       |
| C18   | 550            | 5747       | 226.3 | 2056      | 80.9 | 2897       | 114.1 |
|       | 600            |            |       |           |      |            |       |

### Sound Attenuated Enclosure on a UL Listed 1900 & 2200 Gallon Sub-Base Fuel Tank Base



| Model | Standby<br>ekW | Length "L" |       | Width "W" |      | Height "H" |       |
|-------|----------------|------------|-------|-----------|------|------------|-------|
|       |                | mm         | in    | mm        | in   | mm         | in    |
| C13   | 350            | 6382       | 251.2 | 2056      | 80.9 | 3209       | 126.3 |
|       | 400            |            |       |           |      |            |       |
| C15   | 350            | 6382       | 251.2 | 2056      | 80.9 | 3209       | 126.3 |
|       | 400            |            |       |           |      |            |       |
|       | 450            |            |       |           |      |            |       |
|       | 500            |            |       |           |      |            |       |
| C18   | 550            | 7271       | 286.2 | 2056      | 80.9 | 3151       | 124.1 |
|       | 600            |            |       |           |      |            |       |

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