



Picture shown may not reflect actual configuration

## Weather Protective and Sound Attenuated Enclosures

DG50-2, DG60-2, and DG80-2

### Features

#### Highly Corrosion Resistant Construction

- Stainless steel flush-fitting latches and hinges tested and proven to withstand extreme conditions of corrosion
- Zinc-plated or stainless steel fasteners
- Body constructed from 16-gauge steel components treated with polyester powder coating

#### Excellent Access

- Overhead door with lift-assist strut on service side
- Lift-off doors on both sides and removable front panel
- Vertically hinged side door for control panel access
- Lube oil and coolant drains piped to the exterior of the enclosure base
- Large cable entry area for installation ease

#### Transportability

- These enclosures are of extremely rugged construction to withstand outdoor exposure and rough handling common on many construction sites.
- This range of enclosures are designed on modular principles which will aid on-site repair

#### Security and Safety

- Lockable access doors which give full access to control panel and breaker
- Cooling fan and battery-charging alternator fully guarded
- Oil fill, and battery can only be reached via lockable access
- Stub-up area is rodent proof
- Externally-mounted emergency stop button

#### Options

- Weather protective enclosure
- Sound attenuated level 1 and level 2 enclosures – weather protective with critical silencer
- Caterpillar Yellow or white paint

## Enclosure Sound Pressure Levels (SPL) at 100%

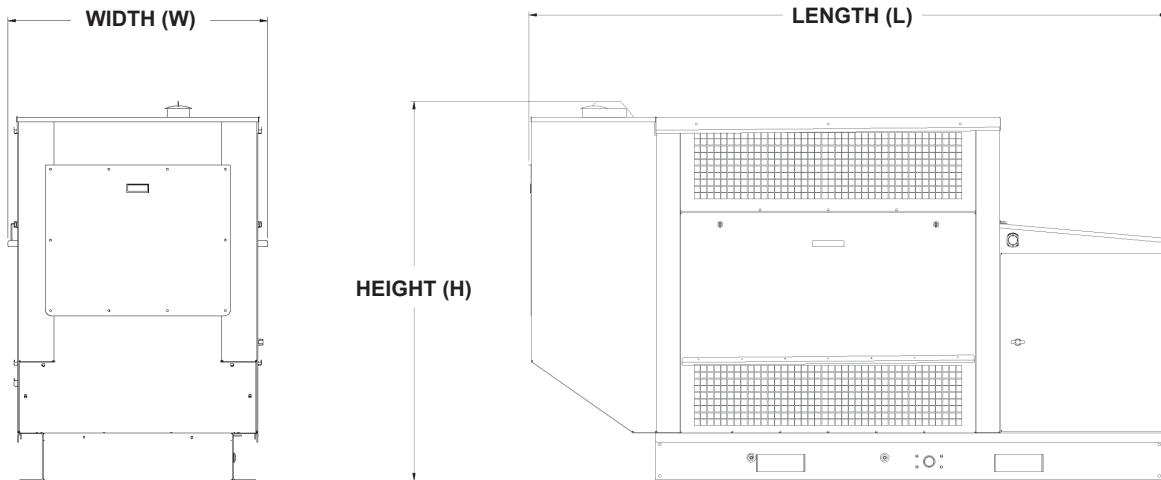
| Sound Attenuated Enclosure |             | Cooling Air Flow Rate |      | SPL @ 7 m (23 ft) |             |
|----------------------------|-------------|-----------------------|------|-------------------|-------------|
| Model                      | Standby ekW | m <sup>3</sup> /s     | cfm  | L1 dBA            | L2 dBA      |
| DG50-2                     | 50          | 2.8                   | 5933 | 75                | 70          |
| DG60-2                     | 60          | 2.8                   | 5933 | 75                | 70          |
| DG80-2                     | 80          | 3.5                   | 7416 | 75                | Not Offered |

| Weather Protective Enclosure |             | Cooling Air Flow Rate |      | SPL @ 7 m (23 ft) |  |
|------------------------------|-------------|-----------------------|------|-------------------|--|
| Model                        | Standby ekW | m <sup>3</sup> /s     | cfm  | dBA               |  |
| DG50-2                       | 50          | 3.1                   | 6569 | 92                |  |
| DG60-2                       | 60          | 3.1                   | 6569 | 92                |  |
| DG80-2                       | 80          | 3.7                   | 7840 | 80                |  |

## Component Weights to Calculate Package Weight

| Model  | Standby ekW | Weather Protective Enclosure |     | Sound Attenuated Enclosure |     |
|--------|-------------|------------------------------|-----|----------------------------|-----|
|        |             | kg                           | lb  | kg                         | lb  |
| DG50-2 | 50          | 125                          | 275 | 201                        | 443 |
| DG60-2 | 60          | 125                          | 275 | 201                        | 443 |
| DG80-2 | 80          | 136                          | 299 | 213                        | 470 |

## Enclosure Dimensions



| Model  | Generator Set Rating kW | Enclosure          | Width "W" |      | Length "L" |       | Height "H" |      |
|--------|-------------------------|--------------------|-----------|------|------------|-------|------------|------|
|        |                         |                    | mm        | in   | mm         | in    | mm         | in   |
| DG50-2 | 50                      | Sound Attenuated   | 1080      | 42.5 | 2662       | 104.8 | 1590       | 62.6 |
| DG60-2 | 60                      |                    |           |      |            |       |            |      |
| DG50-2 | 50                      | Weather Protective | 1080      | 42.5 | 2352       | 92.6  | 1577       | 62.1 |
| DG60-2 | 60                      |                    |           |      |            |       |            |      |
| DG80-2 | 80                      | Sound Attenuated   | 1080      | 42.5 | 2662       | 104.8 | 1577       | 62.1 |
| DG80-2 | 80                      | Weather Protective | 1080      | 42.5 | 2352       | 92.6  | 1577       | 62.1 |

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