

Sound-attenuated and weather-protective enclosures

> For generator sets from 10 to 1000 kW



Our energy working for you.™

> **Diesel generator set enclosures**

10 to 1000 kW
Weather-protective
Level I, Level II, Level III

> **Spark-ignited generator set enclosures**

20 to 150 kW
Weather-protective
Level I, Level II

Sound-attenuated and weather-protective enclosures from Cummins Power Generation Inc. meet even the strictest sound requirements and provide optimum protection from inclement weather.

Cummins Power Generation diesel and spark-ignited generator sets are available with sound-attenuated and weather-protective enclosures. Pre-assembled, pre-integrated and delivered as part of the entire power system, these enclosures are designed to speed installation time and reduce costs.

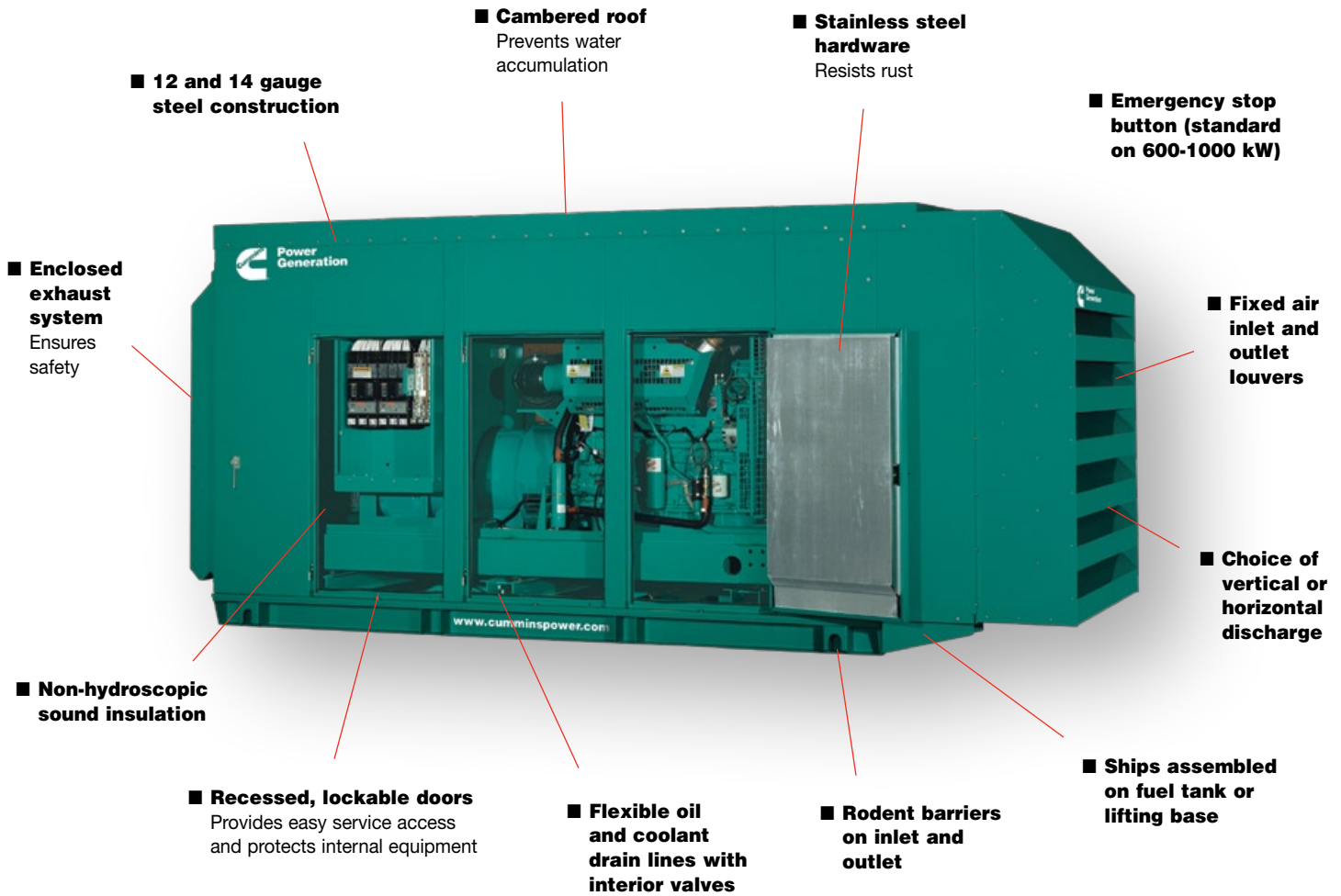
Choose from three levels of sound-attenuation, depending on model size, to comply with even the strictest noise requirements. Enclosures are constructed of steel or aluminum, which is preferred in coastal regions or other environments where corrosion is a concern.



Parsian
Diesel Power Plant Development Co.

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Features:



- > Three levels of sound attenuation
 - Level I: 70 to 89 d(B)A*
 - Level II: 63 to 78 d(B)A*
 - Level III: 68 to 70 d(B)A*
- > Compact footprint, low profile design
- > Easy access to all major generator and engine control components for servicing
- > Fully-house, enclosed exhaust silencer ensures safety and protects against rust
- > Enclosure, generator set, exhaust system and tank are pre-assembled, pre-integrated and shipped as one package, saving time and labor costs
- > All-steel construction with stainless steel hardware offers durability

- > Upgrade kits
- > Enclosures mounted directly to a sub-base fuel tank or lifting base
- > UL2200-listed
- > Customer options available to meet your application needs

Enclosure options

- > Aluminum enclosure is wind-rated to 150 mph (per ASCE 7-05 exposure D, category 1 importance factor)
- > Kits available to up-fit existing generator sets or to upgrade existing enclosures with additional sound attenuation
- > Exterior oil and coolant drains with interior valves for ease of service
- > Overhead 2-point lifting brackets (some models)

* Full load at 7 meters, steel enclosures

Choose from weather protective enclosure or three levels of sound attenuation:

| Sound levels (dB(A))* | | | | |
|-----------------------|--------|--------------------|---------|----------|
| kW | Model | Weather-protective | Level I | Level II |
| Diesel | | | | |
| 10 | DSKAA | 78 | 68 | 65 |
| 15 | DSKAB | 81 | 69 | 66 |
| 20 | DSKBA | 80 | 70 | 67 |
| 25 | DSKFA | 82 | 72 | 69 |
| 35 | DGBB | 82 | 71 | 63 |
| 35 | DGGD | 81 | 72 | 66 |
| 40 | DGBC | 82 | 72 | 63 |
| 40 | DGHD | 79 | 71 | 64 |
| 50 | DGCA | 83 | 72 | 66 |
| 50 | DGHE | 79 | 70 | 65 |
| 60 | DGCB | 84 | 73 | 67 |
| 60 | DSFAD | 87 | 79 | 71 |
| 80 | DGCG | 84 | 76 | 67 |
| 80 | DSFAE | 87 | 82 | 72 |
| 100 | DGDB | 86 | 77 | 70 |
| 100 | DSGAA* | 87 | - | 73 |
| 100 | DSHAF | 95 | 88 | 78 |
| 125 | DGDK | 86 | 80 | 71 |
| 125 | DSGAB* | 87 | - | 74 |
| 125 | DSHAE | 95 | 88 | 78 |
| 150 | DGFA | 89 | 77 | 72 |
| 150 | DSGAC* | 88 | - | 75 |
| 150 | DSHAA | 95 | 88 | 78 |
| 175 | DGFB | 90 | 78 | 72 |
| 175 | DSHAB | 95 | 88 | 78 |
| 200 | DGFC | 91 | 80 | 74 |
| 200 | DSHAC | 95 | 88 | 78 |
| 230 | DGFS | 91 | 81 | 75 |
| 230 | DSHAD | 96 | 89 | 78 |
| 250 | DQDAA | 90 | 86 | 71 |
| 275 | DQDAB | 89 | 86 | 71 |
| 275 | DQHAA | 86 | 85 | 74 |
| 300 | DFCB | 86 | 84 | 71 |
| 300 | DQDAC | 89 | 86 | 71 |
| 300 | DQHAB | 89 | 88 | 76 |
| 350 | DFCC | 87 | 85 | 72 |
| 350 | DFEG | 85 | 83 | 72 |
| 400 | DFCE | 89 | 85 | 73 |
| 400 | DFEG | 89 | 85 | 73 |
| 450 | DFEJ | 87 | 84 | 73 |
| 500 | DFEK | 88 | 85 | 76 |
| 600 | DFGB | 85 | 78 | 74 |
| 600 | DQCA | 87 | 79 | 74 |
| 750 | DFGE | 87 | 80 | 75 |
| 750 | DFHA | 91 | 81 | 77 |
| 750 | DQCB | 87 | 79 | 74 |
| 750 | DQFAA | 89 | 79 | 75 |
| 800 | DFHB | 91 | 81 | 77 |
| 800 | DQCC | 87 | 79 | 74 |
| 800 | DQFAB | 89 | 79 | 75 |
| 900 | DFHC | 93 | 83 | 78 |
| 900 | DQFAC | 88 | 80 | 76 |
| 1000 | DFHD | 90 | 80 | 76 |
| 1000 | DQFAD | 90 | 80 | 76 |

| Sound levels (dB(A))* | | | | |
|-----------------------|-------|--------------------|---------|----------|
| kW | Model | Weather-protective | Level I | Level II |
| Spark-ignited | | | | |
| 20 | GGMA | 77 | N/A | 66 |
| 25 | GGMB | 78 | N/A | 66 |
| 30 | GGMC | 79 | N/A | 67 |
| 35 | GGFD | 80 | 73 | 65 |
| 42/47 | GGFE | 83 | 73 | 66 |
| 60 | GGHE | 86 | 77 | 68 |
| 70/75 | GGHF | 87 | 77 | 69 |
| 85 | GGHG | 85 | 79 | 75 |
| 100 | GGHH | 86 | 80 | 76 |
| 125 | GGLA | 85 | 79 | 75 |
| 150 | GGLB | 85 | 79 | 75 |

*** Also available Level III**

| | | |
|--------|-------|----------|
| 100 kW | DSGAA | 68 dB(A) |
| 125 kW | DSGAB | 69 dB(A) |
| 150 kW | DSGAC | 70 dB(A) |



Diesel generator sets from 100 to 150 kW (models **DSGAA**, **DSGAB**, **DSGAC**) are available in **Level III** sound attenuation.

Shown: 100 kW Tier 3 diesel generator set (model DSGAA).

* Full load at 7 meters, steel enclosures

| Diesel package dimensions (in.) | | | | | | | | | |
|---------------------------------|--------------------|-------|--------|---------|-------|--------|---------------|-------|--------|
| Tank capacity (gal.) | Weather-protective | | | Level I | | | Level II, III | | |
| | Length | Width | Height | Length | Width | Height | Length | Width | Height |
| 35-80 kW | | | | | | | | | |
| 70 | 83 | 40 | 63 | 83 | 40 | 81 | 102 | 40 | 81 |
| 140 | 83 | 40 | 71 | 83 | 40 | 89 | 102 | 40 | 89 |
| 100-230 kW | | | | | | | | | |
| 109 | 105 | 40 | 67 | 108 | 40 | 85 | 142 | 40 | 87 |
| 173 | 105 | 40 | 72 | 108 | 40 | 90 | 142 | 40 | 92 |
| 309 | 105 | 44 | 87 | N/A | N/A | N/A | 145 | 43 | 97 |
| 336 | 105 | 40 | 86 | 108 | 40 | 104 | 142 | 40 | 106 |
| 230-500 kW | | | | | | | | | |
| Lifting base | 188 | 82 | 100 | 188 | 82 | 100 | 222 | 82 | 100 |
| 300 | 188 | 82 | 104 | 188 | 82 | 104 | 222 | 82 | 104 |
| 400 | 188 | 82 | 106 | 188 | 82 | 106 | 222 | 82 | 106 |
| 500 | 188 | 82 | 108 | 188 | 82 | 108 | 222 | 82 | 108 |
| 600 | 188 | 82 | 111 | 188 | 82 | 111 | 222 | 82 | 111 |
| 660 | 188 | 82 | 113 | 188 | 82 | 113 | 222 | 82 | 113 |
| 720 | 188 | 82 | 114 | 188 | 82 | 114 | 222 | 82 | 114 |
| 850 | 188 | 82 | 118 | 188 | 82 | 118 | 222 | 82 | 118 |
| 1470 | 200 | 82 | 128 | 200 | 82 | 128 | 200 | 82 | 128 |
| 1700 | 234 | 82 | 128 | 234 | 82 | 128 | 234 | 82 | 128 |
| 600-1000 kW | | | | | | | | | |
| 200 | 260 | 98 | 133 | 303 | 98 | 133 | 315 | 98 | 133 |
| 660 | 260 | 98 | 133 | 303 | 98 | 133 | 315 | 98 | 133 |
| 1000 | 260 | 98 | 137 | 303 | 98 | 137 | 315 | 98 | 137 |
| 1500 | 260 | 98 | 142 | 303 | 98 | 142 | 315 | 98 | 142 |
| 2000 | 280 | 98 | 142 | 320 | 98 | 142 | 320 | 98 | 142 |
| 2400 | 332 | 98 | 142 | 330 | 98 | 142 | 332 | 98 | 142 |

| Spark-ignited package dimensions (in.) | | | | | | | | | |
|--|--------------------|-------|--------|---------|-------|--------|----------|-------|--------|
| Model number | Weather-protective | | | Level I | | | Level II | | |
| | Length | Width | Height | Length | Width | Height | Length | Width | Height |
| 20 kW | | | | | | | | | |
| GGMA | 65 | 30 | 46 | N/A | N/A | N/A | 85 | 30 | 47 |
| 25 kW | | | | | | | | | |
| GGMB | 65 | 30 | 46 | N/A | N/A | N/A | 85 | 30 | 47 |
| 30 kW | | | | | | | | | |
| GGMC | 65 | 30 | 46 | N/A | N/A | N/A | 85 | 30 | 47 |
| 35 kW | | | | | | | | | |
| GGFD | 83 | 40 | 54 | 83 | 40 | 72 | 83 | 40 | 72 |
| 45 kW | | | | | | | | | |
| GGFE | 83 | 40 | 54 | 83 | 40 | 72 | 83 | 40 | 72 |
| 60 kW | | | | | | | | | |
| GGHE | 83 | 40 | 54 | 83 | 40 | 72 | 83 | 40 | 72 |
| 70 kW | | | | | | | | | |
| GGHF | 83 | 40 | 54 | 83 | 40 | 72 | 83 | 40 | 72 |
| 85 kW | | | | | | | | | |
| GGHG | 105 | 40 | 70 | 105 | 60 | 70 | 142 | 60 | 70 |
| 100 kW | | | | | | | | | |
| GGHH | 105 | 40 | 70 | 105 | 60 | 70 | 142 | 60 | 70 |
| 125 kW | | | | | | | | | |
| GGLA | 105 | 40 | 70 | 105 | 60 | 70 | 142 | 60 | 70 |
| 150 kW | | | | | | | | | |
| GGLB | 105 | 40 | 70 | 105 | 60 | 70 | 142 | 60 | 70 |

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Package listed to UL2200



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