

DE33 GC - DE220 GC Sound Attenuated Enclosures

50 Hz:33 kVA - 220 kVA

60 Hz:37.5 kVA - 218.8 kVA



Image shown might not reflect actual configuration

Features

Robust/Highly Corrosion Resistant Construction

- Manufactured from galvanized steel
- Advanced powder-coated paint finish
- Single-piece main roof
- Base frame extends beyond enclosure, protecting against handling damage
- Minimal external fixings exposed to environment
- Zinc-plated fasteners
- 1 degree sloped roof provided to prevent water stagnation and ingress

Excellent Access

- Side-hinged doors on both sides of the enclosure incorporate lift-off hinges at 45°
- Radiator fill via removable, flush-mounted rain cap fitted with compression seal
- Coolant drain valves mounted to siderail on exterior
- Removable end panels allow access to radiator, exhaust outlet, and alternator rear
- Doors positioned for optimum access of frequently serviced items

Security and Safety

- Secure, lockable doors prevent unauthorized access to control panel, fuel fill, and battery
- Emergency stop button mounted on exterior, convenient to control panel
- Cooling fan and battery charging alternator fully guarded

Transportability

- Drag points on base frame facilitate handling from both ends (DE33 GC - DE110 GC)
- Lifting and drag points on base frame facilitate handling (DE150 GC - DE200 GC)

Options

- Caterpillar yellow paint
- Integral dual wall fuel tank base for total fluid containment (fuel, oil, and coolant) DEFRA compliant
- Integrated drip tray containment fuel tank (fuel, oil, and coolant)

Enclosure Package Operating Characteristics

A. Sound Attenuated Enclosures

Model	Hz	kVA	SB	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				
DE33 GC	50	33	SB	79.1	81.1	68.5	70.2	0.9	1801.0	60	139
	60	37.5	SB	80.7	81.9	70	71.4	1.0	2182.4	63	146
DE50 GC	50	50	SB	76	77.4	64.6	66.3	1.3	2839.3	61	142
	60	56.3	SB	79	80.1	68.8	69.9	1.5	3220.7	62	144
DE55 GC	50	55	SB	76.3	78.3	65	67.3	1.3	2839.3	57	135
	60	62.5	SB	79.3	80.7	69.1	70.5	1.5	3220.7	59	139
DE65 GC	50	65	SB	77.3	80.3	66.1	69.5	1.3	2839.3	49	119
	60	75	SB	80.1	82.3	69.9	72	1.5	3220.7	53	127
DE88 GC	50	88	SB	77.1	79.1	66.7	69.1	1.6	3432.6	45	113
	60	100	SB	81.9	83	71	72.8	1.9	4110.6	46	114
DE110 GC	50	110	SB	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD	*TBD
	60	125	SB	83.3	83.3	72.5	73.1	2.5	5339.6	54	130
DE150 GC	50	150	SB	80.7	81.1	70.4	71.4	3.0	6377.8	58	136
	60	165	SB	82	82.8	73.1	74.7	3.1	6568.5	53	127
DE165 GC	50	163.9	SB	79.4	80.2	70.7	71.4		6441.4	60	140
	60	187.5	SB	82.1	82.5	71.9	72.4	3.4	7288.9	59	139
DE200 GC	50	200	SB	79.9	81.2	71.2	72.1	3.0	6441.4	52	126
	60	218.8	SB	82.3	82.9	72.1	72.7	3.4	7288.9	54	130
DE220 GC	50	220	SB	80.2	81.7	71.4	72.4	3.0	6441.4	48	119

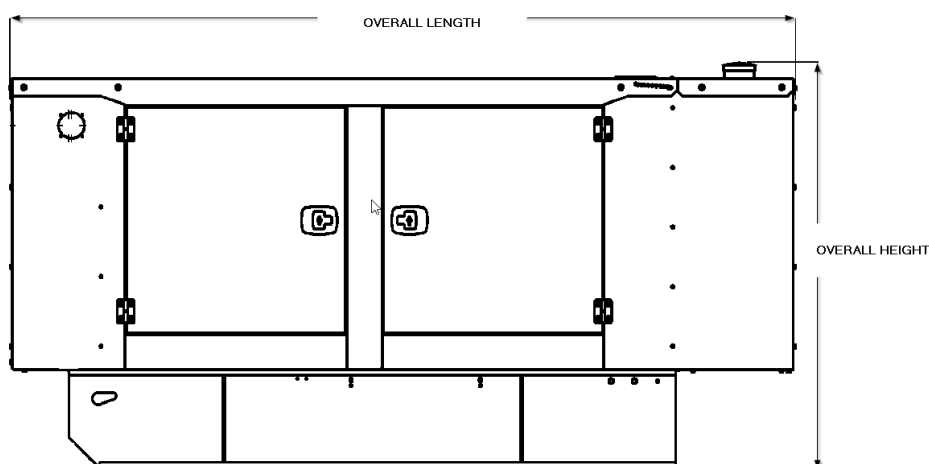
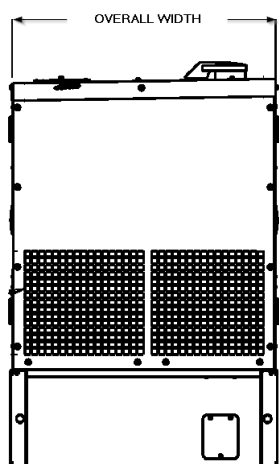
*TBD - To be determined - Data will be released soon

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

Weights & Dimensions

A. Sound Attenuated Enclosures

Model	Weight*		Genset Overall Size (mm)		
	Kg	lb	Length	Width	Height
DE33 GC	851	1876.5	1964	896	1344
DE50 GC	889	1960.2	2298	964	1404
DE55 GC	902	1988.9	2298	964	1404
DE65 GC	992	2187.4	2298	964	1404
DE88 GC	1141	2515.9	2294	1126	1476
DE110 GC	1213	2674.7	2765	1026	1583
DE150 GC	1902	4193.9	3340	1172	1746
DE165 GC	1926	4246.8	3345	1172	1746
DE200 GC	1893	4174.1	3345	1172	1746
DE220 GC	1907	4204.9	3345	1172	1746



*Note: For reference only – do not use for installation design. Please contact your local dealer for exact weights and dimensions

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