



Image shown may not reflect actual configuration

Sound Attenuated Level 2 Enclosures

24-220 kVA Range

These sound attenuated Level 2, factory-installed enclosures incorporate internally mounted critical level silencers, designed for safety and aesthetic value on an integral fuel tank base. Extremely durable, the enclosures are designed to resist corrosion and handling damage.

The enclosures are the result of continuing research and development by our specialist acoustic engineers. These enclosures reduce sound levels to comply with the Stage 2 levels of the European Community Directive 2000/14/EC which became effective January 3, 2006.

Features

Durable and Robust 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
- Corner posts and air handling units manufactured from high grade composite material

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

- Tested and certified single point lifting facility
- Lifting and drag points on base frame facilitate handling from both sides

Excellent Service and Maintenance Access

- Side-hinged doors on both sides of the enclosure incorporate lift-off hinges at 45°
- Radiator fill via removeable, flush-mounted rain cap fitted with compression seal
- Lube oil cooling water drains piped to baseframe side rail, on exterior
- Removable end panels allow access to radiator, exhaust outlet, and alternator rear
- Doors positioned for optimum access of frequently serviced items

Sound Pressure Levels (dBA)

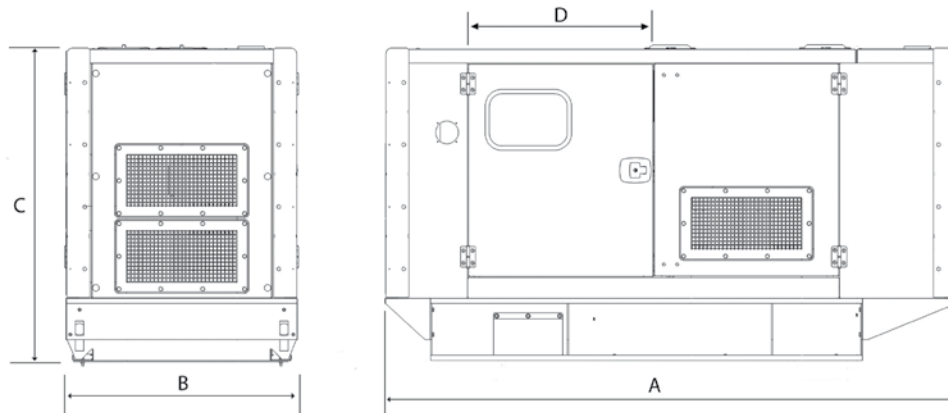
Generator Set Model Three-phase		LWA	50 Hz						60 Hz					
			15 m (50 ft)		7 m (23 ft)		1 m (3.3 ft)		15 m (50 ft)		7 m (23 ft)		1 m (3.3 ft)	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
DE33E0	Prime	94	60.5	61.8	66.5	67.8	76.3	78.4	60.6	62.7	66.6	68.7	77.6	79.9
	Standby	94	60.9	62.4	66.9	68.4	76.9	79.4	61.2	63.8	67.2	69.8	78.2	81.1
DE33E3	Prime	94	59.4	61.3	65.4	67.3	76.5	78.6	–	–	–	–	–	–
	Standby	94	60.0	62.1	66.0	68.1	77.1	79.6	–	–	–	–	–	–
DE50E0	Prime	93	56.7	57.7	62.7	63.7	76.7	77.9	59.7	60.8	65.7	66.8	79.5	80.8
	Standby	93	56.9	58.2	62.9	64.2	77.0	78.5	60.1	61.5	66.1	67.5	80.0	81.6
DE50E2	Prime	93	55.7	56.4	61.7	62.4	75.3	75.5	–	–	–	–	–	–
	Standby	93	55.9	56.7	61.9	62.7	75.4	75.6	–	–	–	–	–	–
DE55E0	Prime	93	56.9	58.2	62.9	64.2	77.0	78.5	60.1	61.5	66.1	67.5	80.0	81.6
	Standby	93	57.3	58.9	63.3	64.9	77.4	79.2	60.5	62.2	66.5	68.2	80.5	82.4
DE55E2	Prime	93	56.2	56.5	62.2	62.5	75.3	75.5	–	–	–	–	–	–
	Standby	93	56.3	56.7	62.3	62.7	75.3	75.6	–	–	–	–	–	–
DE65E0	Prime	93	57.6	59.4	63.6	65.4	77.8	79.7	61.0	63.0	67.0	69.0	81.0	83.3
	Standby	93	58.1	60.5	64.1	66.5	78.3	80.8	61.5	63.8	67.5	69.8	81.6	84.2
DE65E3	Prime	93	57.7	58.5	63.7	64.5	75.8	77.1	–	–	–	–	–	–
	Standby	93	57.9	58.9	63.9	64.9	76.2	77.8	–	–	–	–	–	–
DE88E0	Prime	93	57.7	59.1	63.7	65.1	76.0	77.0	60.6	61.2	66.6	67.2	79.0	79.5
	Standby	93	58.1	59.8	64.1	65.8	76.2	77.4	60.8	61.5	66.8	67.5	79.2	79.6
DE88E3	Prime	97	61.3	61.4	67.3	67.4	80.1	80.2	–	–	–	–	–	–
	Standby	97	61.3	61.5	67.3	67.5	80.2	80.3	–	–	–	–	–	–
DE110E2	Prime	97	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6
	Standby	97	62.6	63.5	68.6	69.5	80.6	81.3	65.2	65.5	71.2	71.5	84.5	84.7
DE110E3	Prime	97	61.4	61.6	67.4	67.6	80.2	80.3	–	–	–	–	–	–
	Standby	97	61.5	61.7	67.5	67.7	80.2	80.4	–	–	–	–	–	–
DE150E0	Prime	–	60.0	60.5	66.0	66.5	78.8	79.1	60.7	61.1	66.7	67.1	81.0	81.1
	Standby	–	60.1	60.7	66.1	66.7	78.8	79.2	60.8	61.3	66.8	67.3	81.0	81.2
DE165E0	Prime	–	58.5	58.9	64.5	64.9	78.0	78.2	61.3	61.9	67.3	67.9	82.1	82.4
	Standby	–	58.6	59.1	64.6	65.1	78.1	78.3	61.5	62.1	67.5	68.1	82.2	82.7
DE200E0	Prime	97	62.0	62.4	68.0	68.4	80.2	80.4	64.9	65.2	70.9	71.2	84.2	84.3
	Standby	97	62.1	62.7	68.1	68.7	80.2	80.5	65.0	65.3	71.0	71.3	84.3	84.4
DE220E0	Prime	97	62.3	63.5	68.3	69.5	80.0	80.7	–	–	–	–	–	–
	Standby	97	62.7	64.0	68.7	70.0	80.2	81.1	–	–	–	–	–	–

Levels in accordance with European Noise Directive (2000/14/EC).

Sound Pressure Levels (dBA)

Generator Set Model Single-phase		LWA	50 Hz						60 Hz					
			15 m (50 ft)		7 m (23 ft)		1 m (3.3 ft)		15 m (50 ft)		7 m (23 ft)		1 m (3.3 ft)	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
DE26E0S	Prime	94	60.5	61.8	66.5	67.8	76.3	78.4	–	–	–	–	–	–
	Standby	94	60.9	62.4	66.9	68.4	76.9	79.4	–	–	–	–	–	–
DE26E3S	Prime	94	60.5	61.8	66.5	67.8	76.3	78.4	–	–	–	–	–	–
	Standby	94	60.9	62.4	66.9	68.4	76.9	79.4	–	–	–	–	–	–
DE40E2S	Prime	93	55.7	56.4	61.7	62.4	75.3	75.5	–	–	–	–	–	–
	Standby	93	55.9	56.7	61.9	62.7	75.4	75.6	–	–	–	–	–	–
DE40E0S	Prime	93	56.7	57.7	62.7	63.7	76.7	77.9	59.7	60.8	65.7	66.8	79.5	80.8
	Standby	93	56.9	58.2	62.9	64.2	77.0	78.5	60.1	61.5	66.1	67.5	80.0	81.6
DE50E0S	Prime	93	58.1	59.1	64.1	65.1	76.6	77.3	61.1	62.1	67.1	68.1	78.9	80.0
	Standby	93	58.5	59.5	64.5	65.5	76.9	77.6	61.4	62.5	67.4	68.5	79.3	80.5
DE55E3S	Prime	93	57.7	58.5	63.7	64.5	75.8	77.1	–	–	–	–	–	–
	Standby	93	57.9	58.9	63.9	64.9	76.2	77.8	–	–	–	–	–	–
DE90E2S	Prime	97	62.2	62.8	68.2	68.8	80.2	80.8	65.1	65.3	71.1	71.3	84.4	84.6
	Standby	97	62.4	63.1	68.4	69.1	80.4	81.0	65.2	65.4	71.2	71.4	84.4	84.6
DE90E3S	Prime	97	61.3	61.5	67.3	67.5	80.2	80.3	–	–	–	–	–	–
	Standby	97	61.4	61.6	67.4	67.6	80.2	80.3	–	–	–	–	–	–

Levels in accordance with European Noise Directive (2000/14/EC).

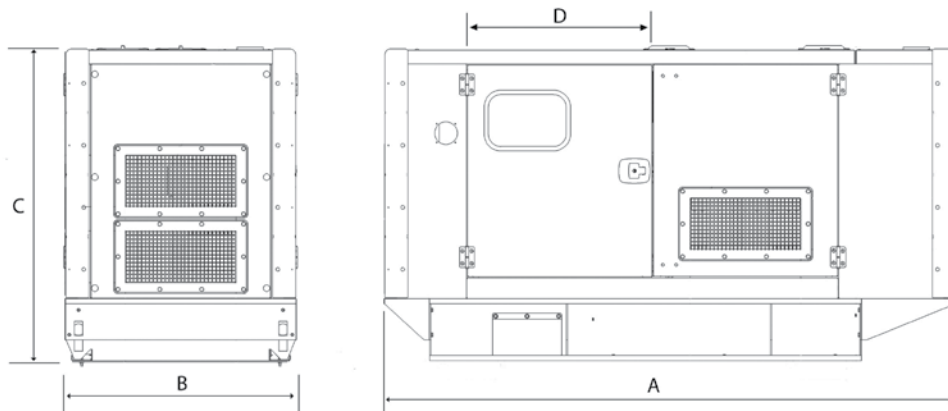


Weights and Dimensions

Generator Set Model Three-phase	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Fuel Capacity: L (U.S. gal)	Weight: kg (lb)
DE33E0	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
DE33E3	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
DE50E2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1183 (2608)
DE50E0	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1191 (2626)
DE55E0	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1196 (2637)
DE55E2	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1236 (2725)
DE65E0	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1207 (2661)
DE65E3	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1247 (2749)
DE88E0	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1391 (3067)
DE88E3	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1529 (3371)
DE110E2	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1547 (3411)
DE110E3	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1637 (3609)
DE150E0	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	349 (92.2)	1918 (4228)
DE165E0	3520 (138.6)	1120 (44.1)	1815 (71.5)	1145 (45.1)	349 (92.2)	2016 (4445)
DE200E0	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	418 (110.0)	2198 (4836)
DE220E0	3520 (138.6)	1320 (52.0)	1815 (71.5)	1080 (42.5)	418 (110.0)	2238 (4934)

*Clearance required on both sides of set.

Weight with lube oil and coolant, no fuel.



Weights and Dimensions

Generator Set Model Single-phase	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Fuel Capacity: L (U.S. gal)	Weight: kg (lb)
DE26E0S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
DE26E3S	2120 (83.5)	970 (38.2)	1525 (60.0)	718 (28.3)	161 (43.0)	991 (2185)
DE40E2S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1199 (2643)
DE40E0S	2300 (90.6)	1120 (44.1)	1525 (60.0)	795 (31.3)	219 (58.0)	1247 (2749)
DE50E0S	2300 (90.6)	1120 (44.1)	1519 (59.8)	795 (31.3)	219 (58.0)	1315 (2899)
DE55E3S	2300 (90.6)	1120 (44.1)	1519 (59.8)	795 (31.3)	219 (58.0)	1355 (2987)
DE90E2S	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1613 (3556)
DE90E3S	2770 (109.1)	1120 (44.1)	1525 (60.0)	899 (35.4)	250 (66.0)	1653 (3644)

*Clearance required on both sides of set.

Weight with lube oil and coolant, no fuel.

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