



Image shown may not reflect actual configuration

Sound Attenuated Level 2 Enclosures

24 – 220 kVA Range

The sound attenuated Level 2, factory installed enclosures incorporate internally mounted critical level silencers. They are the premium enclosure offering for this range, designed for safety and aesthetic value on an integral fuel tank base. Extremely durable and weather resistant, these 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 engineering thermoplastic

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

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

Transportability

- Optional tested and certified lifting arch
- Lifting and drag points on base frame facilitate handling from both sides

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	93	61	62	67	68	76	77	61	63	67	69	77	79
	Standby	93	61	62	67	68	76	77	61	64	67	70	78	80
DE33E3	Prime	94	59	61	65	67	75	77	–	–	–	–	–	–
	Standby	94	60	62	66	68	76	78	–	–	–	–	–	–
DE50E0	Prime	93	57	58	63	64	74	74	60	61	66	67	76	77
	Standby	93	57	58	63	64	74	75	60	62	66	68	77	78
DE50E2	Prime	90	56	56	62	62	74	75	–	–	–	–	–	–
	Standby	90	56	57	62	63	74	75	–	–	–	–	–	–
DE55E0	Prime	93	57	58	63	64	74	75	60	62	66	68	77	78
	Standby	93	57	59	63	65	74	76	61	62	67	68	77	79
DE55E2	Prime	–	56	57	62	63	74	74	–	–	–	–	–	–
	Standby	–	56	57	62	63	74	75	–	–	–	–	–	–
DE65E0	Prime	93	58	60	64	66	74	76	61	63	67	69	77	79
	Standby	93	58	61	64	67	75	77	62	64	68	70	78	80
DE65E3	Prime	91	58	59	64	65	75	76	–	–	–	–	–	–
	Standby	91	58	59	64	65	75	76	–	–	–	–	–	–
DE88E0	Prime	92	58	59	64	65	76	76	61	61	67	67	78	79
	Standby	92	58	60	64	66	76	77	61	62	67	68	79	79
DE88E3	Prime	97	61	61	67	67	79	79	–	–	–	–	–	–
	Standby	97	61	62	67	68	79	79	–	–	–	–	–	–
DE110E2	Prime	96	62	63	68	69	80	81	65	65	71	71	84	84
	Standby	96	63	64	69	70	80	81	65	66	71	72	84	84
DE110E3	Prime	97	61	62	67	68	79	79	–	–	–	–	–	–
	Standby	97	62	62	68	68	79	79	–	–	–	–	–	–
DE150E0	Prime	97	60	61	66	67	76	76	61	61	67	67	77	77
	Standby	97	60	61	66	67	76	77	61	61	67	67	77	78
DE165E0	Prime	97	59	59	65	65	74	74	61	62	67	68	77	77
	Standby	97	59	59	65	65	74	75	62	62	68	68	77	78

Sound Pressure Levels (dBA)

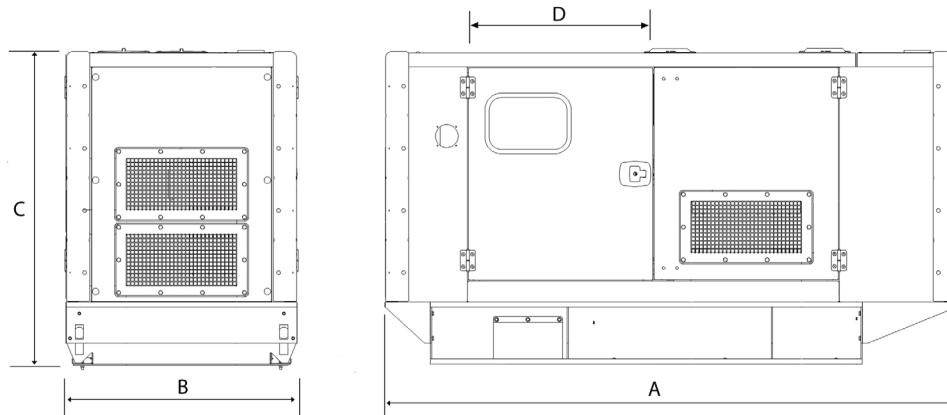
Generator Set Model Three-phase		LWA	50 Hz						60 Hz					
			15 m (50 ft)		7 m (23 ft)		1 m (3.3 ft)		15 m (50 ft)		7 m (23 ft)		1 m (3.3 ft)	
			75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load	75% Load	100% Load
DE165E3*	Prime	–	58	59	64	65	73	74	–	–	–	–	–	–
	Standby	–	58	59	64	65	74	74	–	–	–	–	–	–
DE175E3*	Prime	–	58	59	64	65	74	74	–	–	–	–	–	–
	Standby	–	58	59	64	65	74	75	–	–	–	–	–	–
DE200E0	Prime	97	62	62	68	68	78	78	65	65	71	71	81	81
	Standby	97	62	63	68	69	78	78	65	65	71	71	81	81
DE200E3*	Prime	–	59	60	65	66	74	75	–	–	–	–	–	–
	Standby	–	59	60	65	66	74	75	–	–	–	–	–	–
DE220E0	Prime	97	62	64	68	70	78	79	–	–	–	–	–	–
	Standby	97	63	64	69	70	78	79	–	–	–	–	–	–

Levels in accordance with European Noise Directive (2000/14/EC). *Available as DTO only.

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	93	61	62	67	68	76	77	61	63	67	69	77	79
	Standby	93	61	62	67	68	76	77	61	64	67	70	78	80
DE26E3S	Prime	94	59	61	65	67	75	77	–	–	–	–	–	–
	Standby	94	60	62	66	68	76	77	–	–	–	–	–	–
DE40E0S	Prime	93	57	58	63	64	74	74	60	61	66	67	76	77
	Standby	93	57	58	63	64	74	75	60	62	66	68	77	78
DE40E2S	Prime	90	56	56	62	62	74	75	–	–	–	–	–	–
	Standby	90	56	57	62	63	74	75	–	–	–	–	–	–
DE50E0S	Prime	93	57	58	63	64	75	76	60	61	66	67	78	78
	Standby	93	57	58	63	64	75	76	60	61	66	67	78	78
DE55E3S	Prime	91	58	59	64	65	75	76	–	–	–	–	–	–
	Standby	91	58	59	64	65	75	76	–	–	–	–	–	–
DE90E2S	Prime	96	62	63	68	69	80	81	65	65	71	71	84	84
	Standby	96	63	64	69	70	80	81	65	66	71	72	84	84
DE90E3S	Prime	97	61	62	67	68	79	79	–	–	–	–	–	–
	Standby	97	62	62	68	68	79	79	–	–	–	–	–	–

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

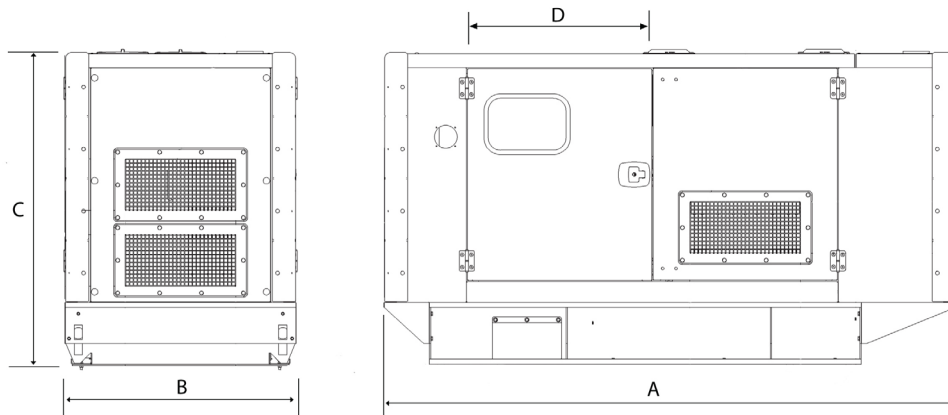


Weights and Dimensions

Generator Set Model Three-phase	A: mm (in)	B: mm (in)	C: mm (in)	D*: mm (in)	Fuel Capacity: l (US gal)	Weight: kg (lb)
DE33E0	2120 (83.5)	980 (38.6)	1519 (59.8)	716 (28.2)	161 (43.0)	1002 (2209)
DE33E3	2120 (83.5)	980 (38.6)	1519 (59.8)	716 (28.2)	161 (43.0)	1002 (2209)
DE50E2	2300 (90.6)	1132 (44.6)	1519 (59.8)	761 (30.0)	219 (58.0)	1237 (2727)
DE50E0	2300 (90.6)	1132 (44.6)	1519 (59.8)	761 (30.0)	219 (58.0)	1237 (2727)
DE55E0	2300 (90.6)	1132 (44.6)	1519 (59.8)	761 (30.0)	219 (58.0)	1229 (2709)
DE55E2	2300 (90.6)	1130 (44.5)	1525 (60.0)	761 (30.0)	219 (58.0)	1277 (2815)
DE65E0	2300 (90.6)	1132 (44.6)	1519 (59.8)	761 (30.0)	219 (58.0)	1249 (2754)
DE65E3	2300 (90.6)	1130 (44.5)	1519 (59.8)	761 (30.0)	219 (58.0)	1319 (2908)
DE88E0	2300 (90.6)	1130 (44.5)	1519 (59.8)	761 (30.0)	219 (58.0)	1416 (3122)
DE88E3	2770 (109.1)	1130 (44.5)	1530 (60.2)	893 (35.2)	250 (66.0)	1554 (3426)
DE110E2	2770 (109.1)	1130 (44.5)	1530 (60.2)	893 (35.2)	250 (66.0)	1615 (3560)
DE110E3	2770 (109.1)	1130 (44.5)	1530 (60.2)	893 (35.2)	250 (66.0)	1744 (3845)
DE150E0	3520 (138.6)	1130 (44.5)	1809 (71.2)	1143 (45.0)	349 (92.2)	1918 (4228)
DE165E0	3520 (138.6)	1130 (44.5)	1809 (71.2)	1143 (45.0)	349 (92.2)	2016 (4445)
DE165E3**	3520 (138.6)	1130 (44.5)	1809 (71.2)	1143 (45.0)	349 (92.2)	2158 (4758)
DE175E3**	3520 (138.6)	1130 (44.5)	1809 (71.2)	1143 (45.0)	349 (92.2)	2158 (4758)
DE200E0	3520 (138.6)	1330 (52.4)	1809 (71.2)	1078 (42.4)	418 (110.0)	2198 (4836)
DE200E3**	3520 (138.6)	1330 (52.4)	1809 (71.2)	1078 (42.4)	418 (110.0)	2248 (4956)
DE220E0	3520 (138.6)	1330 (52.4)	1809 (71.2)	1078 (42.4)	418 (110.0)	2238 (4934)

*Clearance required on both sides of set. **Available as DTO only.

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 (US gal)	Weight: kg (lb)
DE26E0S	2120 (83.5)	980 (38.58)	1519 (59.8)	716 (28.2)	161 (43.0)	991 (2185)
DE26E3S	2120 (83.5)	980 (38.58)	1519 (59.8)	716 (28.2)	161 (43.0)	991 (2185)
DE40E0S	2300 (90.6)	1132 (44.7)	1519 (59.8)	761 (30.0)	219 (58.0)	1247 (2749)
DE40E2S	2300 (90.6)	1132 (44.7)	1519 (59.8)	761 (30.0)	219 (58.0)	1199 (2643)
DE50E0S	2300 (90.6)	1132 (44.7)	1519 (59.8)	761 (30.0)	219 (58.0)	1315 (2899)
DE55E3S	2300 (90.6)	1130 (44.5)	1519 (59.8)	765 (30.1)	219 (58.0)	1355 (2987)
DE90E2S	2770 (109.1)	1130 (44.5)	1530 (60.2)	893 (35.2)	250 (66.0)	1613 (3556)
DE90E3S	2770 (109.1)	1130 (44.5)	1530 (60.2)	893 (35.2)	250 (66.0)	1653 (3644)

*Clearance required on both sides of set.
Weight with lube oil and coolant, no fuel.

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