


Technical data CAT Sound Attenuated Enclosures

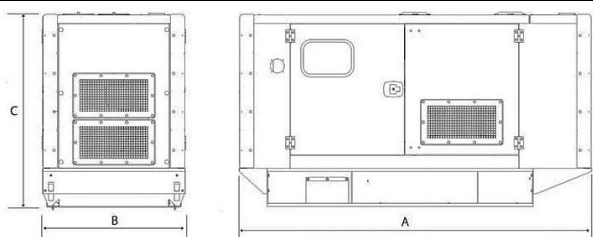
CAT Sound Attenuated Enclosures

These sound attenuated factor installed enclosures incorporate internally mounted super critical level silencers, designed for safety and aesthetic value on integral fuel tank base or optional dual wall integral fuel tank base for total fluid containment. These enclosures are of extremely rugged construction to withstand exposure to the elements and provide weather protection.

Sound Pressure Levels (dBA)

Generator Set Model		LWA	50 Hz						Illustration
			15 m		7 m		1 m		
			"75% Load"	"100% Load"	"75% Load"	"100% Load"	"75% Load"	"100% Load"	
DE400E0	Standby	97	n.a.	n.a.	70	70	80	80	
DE450E3	Standby	98.	n.a.	n.a.	70	71	80	81	
DE500E0	Standby	98.	n.a.	n.a.	69	70	79	80	
DE550E3	Standby	n.a.	n.a.	n.a.	73	75	83	84	
DE605E0	Standby	105	n.a.	n.a.	72	72	82	83	
DE660E0	Standby	105	n.a.	n.a.	72	73	82	83	
DE715E0	Standby	105	n.a.	n.a.	72	73	82	83	
DE850E0	Standby	106	n.a.	n.a.	74	75	85	85	

Dimensions and Weights

Generator Set Model	A: mm	B: mm	C: mm	Fuel Capacity: l	Weight: kg	Illustration
DE400E0	4'930	1'620	2'271	827	4'980	
DE450E3	4'930	1'620	2'271	827	4'980	
DE500E0	4'930	1'658	2'271	827	5'300	
DE550E3	4'930	1'658	2'271	824	5'300	
DE605E0	5'320	1'920	2'344	1'082	6'194	
DE660E0	5'320	1'920	2'344	1'082	6'194	
DE715E0	5'320	1'920	2'344	1'082	6'194	
DE850E0	5'572	2'170	2'453	1'442	6'932	

Robust/Highly Corrosion Resistant Construction

- Factory installed on integral fuel tank base
- Environmentally friendly, polyester powder baked paint
- 1.6mm galvanized steel
- All round overhanging base to protect enclosure
- High-grade engineering thermoplastic corner posts for protection
- Integral lifting frame
- Compression door latches giving solid door seal
- Zinc plated or black coated stainless steel fasteners Internally mounted super critical exhaust silencing system

Excellent Access

- Large cable entry area for installation ease
- Accommodates rear mounted breaker and control panel
- Double doors on both sides
- Vertically hinged doors with solid bar door stays to hold doors open at 135° rotation
- Lube oil and coolant drains pipes to exterior of enclosure and terminated drain valves
- Radiator fill cover

Security and Safety

- Lockable access doors which give full access to control panel and breaker
- Cooling fan and battery charging alternator fully guarded
- Fuel fill, oil fill and battery can only be reached via lockable access
- Externally mounted emergency stop button
- Designed for spreader-bar lifting to ensure safety
- Control panel viewing window
- Stub-up area is rodent proof