



Image shown may not reflect actual configuration

C18 ACERT™ U.S. EPA Tier 4 Final Sound Attenuated Enclosure

Features

Robust/Highly Corrosion Resistant Construction

- Enclosure constructed with 14 gauge steel
- Factory installed on skid base
- Polyester powder baked paint
- Zinc plated or stainless steel fasteners
- Internally mounted Cat® Clean Emissions Module (CEM)
- Designed and tested to comply with UL 2200 Listed generator set package
- Compression door latches providing solid door seal

Excellent Access

- Large cable entry area for installation ease
- Accommodates side-mounted single or multiple breakers
- Three doors on both sides
- Doors vertically hinged allowing 180° opening rotation and retention with door stays
- Lube oil and coolant drains piped to the exterior of the enclosure base
- Accommodates internal radiator top up

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
- Stub-up area is rodent proof

Transportability

These enclosures are of extremely rugged construction to withstand outdoor exposure and rough handling common on many construction sites.

Options

- Caterpillar Yellow or white paint
- UL listed 660 gallon sub-base fuel tank

Sound Attenuated Enclosure Sound Pressure Levels (SPL) at 100% Load

Sound Attenuated Enclosure		Cooling Air Flow Rate		Ambient Capability*		SPL @ 7 m (23 ft)
Rating ekW	Duty	m³/s	cfm	°C	°F	dBA
500	Standby	12.3	26062	50	122	75
455	Prime	12.3	26062	50	122	75

*Ambient measured at sea level

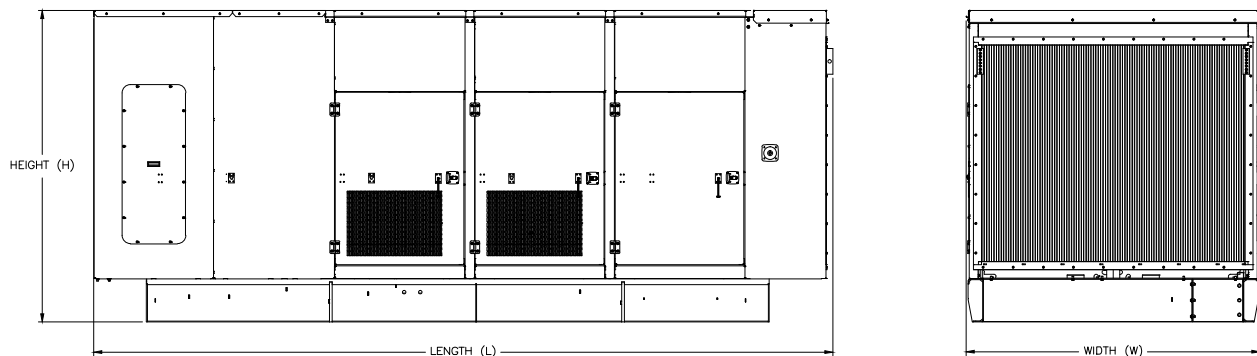
Note: Sound level measurements are subject to instrumentation, installation and manufacturing variability, as well as ambient site conditions.

Sound Attenuated Enclosure Component Weight to Calculate Package Weight

Rating ekW	Duty	SA Enclosure*	
		kg	lb
500	Standby	926	2041
455	Prime		

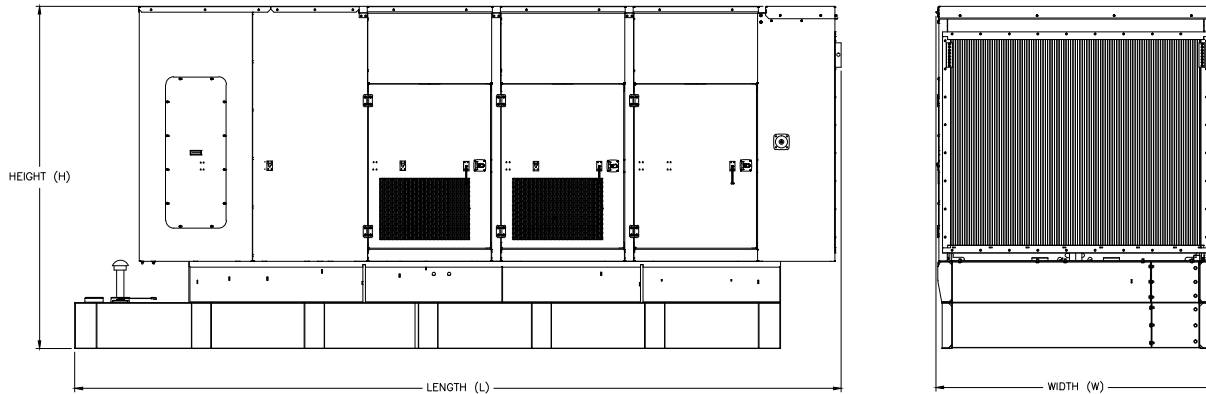
*Net enclosure component weight after removing open set CEM enclosure.

Sound Attenuated Enclosure Package Dimensions on Skid Base



Rating ekW	Length "L"		Width "W"		Height "H"	
	mm	in	mm	in	mm	in
500	5776	227.4	2308	90.9	2448	96.4
455						

Sound Attenuated Enclosure Package Dimensions on a UL Listed 660 Gallon Sub-base Fuel Tank



Rating ekW	Length "L"		Width "W"		Height "H"	
	mm	in	mm	in	mm	in
500	6303	248.2	2303	90.9	2829	111.4
455						

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