

Sound-Attenuated & Weather-Protective Diesel Generator Enclosures

GW Modular enclosures meet even the strictest sound requirements and protect against inclement weather. Our agnostic design can house CAT®, Cummins®, or MTU® generator sets, configured for 1750 kW to 3500 kW power points in 415V, 480V, or 13.5kV configurations. Each system is pre-assembled, pre-integrated, and delivered as part of the total enclosure solution - designed to speed installation and reduce costs.



SPECIFICATIONS



1750kW to 3500kW
Power range



415V / 480V / 13.5kV
Voltage configurations



Levels I, II & III
Three levels of sound attenuation



CAT® / Cummins® / MTU®
Agnostic generator set design

KEY ADVANTAGES

- Superior sound attenuation: three levels to meet the most stringent noise requirements
- Weather-protective design built to withstand harsh environments and severe weather
- Pre-assembled and pre-integrated factory-built systems reduce on-site work and accelerate commissioning
- Integrated solution minimizes risk, installation time, and total cost
- Compact footprint and low profile design
- Easy access to major generator and engine control components for servicing

Let's talk about your next project.
sales@gwmodular.com



GW Modular
A DBM GLOBAL COMPANY

GENERATOR ENCLOSURE CONSTRUCTION, OPTIONS & ENCLOSURE FEATURES

Engineered for sound control, protection, and serviceability. Three-layer acoustic wall construction (formed sheet metal, batt wool insulation, and perforated interior liner) optimizes sound attenuation.

ENCLOSURE OPTIONS

- ✓ Aluminum enclosure is wind-rated to 150 mph per ASCE 7-05 exposure D, category 1 importance factor
- ✓ Kits available to up-fit existing generator sets or upgrade existing enclosures with additional sound attenuation
- ✓ Customer options available to meet your application needs
- ✓ SCR system available
- ✓ Stainless steel components available

SERVICE & INSTALLATION

- ✓ Enclosure mounted directly to sub-base fuel tank
- ✓ Exterior oil and coolant drains with interior valves for ease of service
- ✓ 4-point lifting brackets for safe and efficient lifting
- ✓ Louvers and automated dampers available for air flow control
- ✓ Pre-assembled and shipped for faster field installation and reduced labor
- ✓ Internal components include generator breaker, control panel / ESD, vibration isolation, battery system, automated control valve for fuel filling, and polishing panel integrated with fuel tank

COMPLIANCE & PERFORMANCE

- ✓ UL2200-listed
- ✓ Available in three levels of sound attenuation: Levels I, II and III
- ✓ Weather-protective construction engineered to withstand harsh environments
- ✓ Compact footprint and low profile design for easy site integration
- ✓ Fully housed enclosed exhaust silencer improves safety and protects against rust

TECHNICAL SUMMARY

ATTRIBUTE	SPECIFICATION
Power range	1750kW to 3500kW
Voltage configurations	415V, 480V, or 13.5kV
Sound attenuation Level I	70 to 89 dB(A)*
Sound attenuation Level II	63 to 78 dB(A)*
Sound attenuation Level III	68 to 70 dB(A)*



LOUVERS & AUTOMATED DAMPERS

Dampers open for cooling, close to minimize noise and weather intrusion



DRAIN ACCESS & SERVICE

Exterior oil and coolant drains with interior shut-off valves



4-POINT LIFTING BRACKETS

Balanced lifts and safe handling in the field or at the yard