

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 and 2750 kW power points in 416V, 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**
1750 kW and 2750 kW power points
-  **416V / 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

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
Configured power points	1750 kW and 2750 kW
Voltage configurations	416V, 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