

Three-Phase Diesel Generator Set

This three-phase diesel generator set provides a stable and consistent power supply. It is engineered for durability and performance, ensuring continuous operation in demanding environments.



ADDITIONAL IMAGES



Overview



A robust three-phase diesel generator set designed for reliable industrial power supply.

Reliable Power Generation Solution

This three-phase diesel generator set is engineered for industrial and commercial applications, providing a stable and consistent power supply for both primary and backup needs. Designed with durability in mind, the unit features a heavy-duty steel base frame and advanced vibration damping to ensure long-term performance in demanding environments. With flexible configuration options, including silent and open types, it offers a versatile solution for construction sites, off-grid locations, and building power security.

Performance Specifications

Power Output Range

6 kW Minimum Power	2000 kW Maximum Power
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Supported Voltages

400/230V, 380/220V, 220/110V

Design & Configuration



Silent type configuration suitable for noise-sensitive environments.

Configuration Type

Open Type • Silent Type

Fuel Tank Configuration

- Base fuel tank (for units under 550kW)
- External daily fuel tank (for units above 550kW)
- Average 8-hour base fuel tank capacity

Technical Components

Product Parameters	
Eastern Lion Silent diesel generator set	
Generator set	GF-215
Voltage	400/230V/50/220V/230V/110V
Rated engine	K4000 (K4000/M71)
Alternator	GF-215E
Controller	DFC (Digital AVR/Relay)
Circuit breaker	Optional
Type	Open/Silent type
Fuel Tank	Base Fuel Tank (under 550kW) External Daily Fuel Tank (above 550kW)
Optional design	Containerized, Parallel Cabinet, Automatic Transfer Switch
Eastern Lion Generator Supply Scope	
1. Engine	Brushless engine
2. Alternator	Brushless generator, alternative design bearing, IP23, IEC, H class
3. Base Frame	Heavy-duty steel base frame
4. Radiator	40°C for open type, 50°C for brushless type
5. Vibration Damper	Vibration damper between engine/alternator and base frame
6. Silencer	Industrial silencer with flexible bellow and elbow
7. Filter	Air, oil, fuel filter and fuel filter
8. Battery	Electric start and 24V charger - 12/24V storage batteries
9. Fuel Tank	Average 8-hour base fuel tank
10. Test Kits & Manuals	Complete test kit and complete operation and maintenance manuals for generator/engine/alternator/control panel, etc.

Detailed view of the generator assembly, including base frame and cooling systems.

Alternator Details

Feature	Specification
Type	Brushless
Bearing	Single Bearing
Protection Class	IP21/22
Insulation Class	H

Included Equipment

- Heavy-duty steel base frame
- Vibration damper (Engine/Alternator to base)
- Industrial silencer with flexible bellow and elbow
- Air, oil, and fuel filters
- Electric start system with 24V charger
- 12/24V storage batteries
- Standard tool kits
- Complete operation and maintenance manuals

Optional Design Features

Containerized, Parallel Cabinet, Automatic Transfer Switch