

# 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

<b>6 kW</b> Minimum Power	<b>2000 kW</b> 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	
<b>Eastern Lion Silent diesel generator set</b>	
Generator set	GF-215
Voltage	400/230V/380/220V/230V/110V
Rated engine	K4000 (K4000/M71)
Alternator	GF-215E
Control	GF-215 (Engine/Generator)
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
<b>Eastern Lion Generator Supply Scope</b>	
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, 35°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 charge - 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