

3-Phase 380V Diesel Generator Set

This 3-phase 380V diesel generator set is engineered for reliable power generation in diverse applications. It features a soundproof canopy to minimize noise and a control panel with digital displays for monitoring performance.



ADDITIONAL IMAGES



Overview



Professional 3-phase diesel generator set designed for reliable power output.

Professional Power Generation

This 3-phase, 380V diesel generator set is engineered for reliability, offering a power range from 6kW to 2000kW. Designed for versatility, it is suitable for industrial, commercial, and residential backup applications. The unit features a robust construction with soundproof canopy options to minimize noise, ensuring efficient and stable operation in demanding environments.

Technical Specifications

| Product Parameters | |
|---|--|
| Eastern Lion Silent diesel generator set | |
| Generator set | LF-GTS |
| Voltage | 400/230V/50/220/230/110V |
| Power range | 400KW-2000KW |
| Alternator | IEFIEB |
| Control | 50/60Hz/480V/60Hz |
| Control device | AVERT |
| Type | Open/Silent type |
| Fuel Tank | Base Fuel Tank under 550kW/External Daily Fuel Tank above 550kW |
| Optional design | Container, Parallel Cabinet, Automatic Transfer Switch |
| Eastern Lion Generator Supply Scope | |
| 1. Engine | Isuzu/Detroit engine |
| 2. Alternator | Based new 3-phase alternator (Single bearing, PFC coil, 4-pole/6-pole/8-pole) |
| 3. Base Frame | Heavy duty steel base frame |
| 4. Radiator | ATC for open type, VCT for soundproof type |
| 5. Vibration Damper | Vibration damper between engine, alternator and base frame |
| 6. Sensor | Injection sensor with flexible bellows and cable |
| 7. Filter | Air filter/cleaner and fuel filter |
| 8. Battery | Electric start and 24V charger, 150AH storage batteries |
| 9. Fuel Tank | Average 8-hour base fuel tank |
| 10. Fuel Tank & Network | Optional for the external storage operation maintenance manual for generator set/engine/alternator control panel, etc. |

Detailed specifications and component breakdown for the generator set.

Power Range

6 kW

Minimum Power

2000 kW

Maximum Power

Radiator Capacity

| Type | Temperature Rating |
|-----------------|--------------------|
| Open Type | 40 |
| Soundproof Type | 50 |

Voltage Options

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

Insulation Class

H

Protection Rating

IP21/22

Features & Configuration



Silent type enclosure configuration for noise-sensitive environments.

Enclosure Types

Open Frame • Silent Canopy

Optional Upgrades

- Containerized Design
- Parallel Cabinet
- Automatic Transfer Switch (ATS)

Fuel System

- Base Fuel Tank (standard for <550kW)
- External Daily Fuel Tank (required for >550kW)
- Average 8-hour runtime

Standard Supply Scope

Included Components

- Brushless Alternator (Single Bearing)
- Heavy-duty steel base frame
- Vibration damping system
- Industrial silencer with flexible bellow
- Air, oil, and fuel filtration system
- 24V charging system with batteries
- Standard tool kit and maintenance manuals