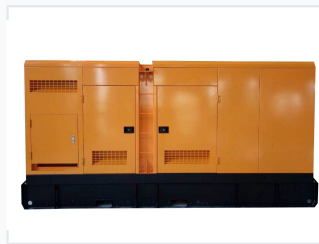


69kVA 50Hz Diesel Generator Set

This 69kVA diesel generator set delivers 55kW of power at 50Hz. It features a robust diesel engine and a durable enclosure for noise reduction and weather protection.



ADDITIONAL IMAGES



Overview

High-Performance 69kVA Diesel Generator

This 50Hz diesel generator set is engineered for reliable power delivery, providing a rated capacity of 69kVA (55kW) suitable for industrial, commercial, and residential backup. Featuring a robust 4-cylinder water-cooled engine and a high-efficiency alternator with 100% copper windings, it ensures stable performance in harsh environments. The unit is available in open, soundproof, or containerized configurations to meet diverse noise and weather protection requirements.

Performance Metrics

Key Performance Ratings

69 kVA

Standby Power

55 kW

Standby Power

50 Hz

Frequency

Engine Specifications

Engine Technical Data

Feature	Specification
Cylinders / Alignment	4 / In Line
Cycle	4 Stroke
Bore / Stroke	102 mm / 120 mm
Induction	TCA
Cooling Method	Water Cooled
Displacement	3.9 L
Compression Ratio	17.3:1
Governing Type	Electronic

Alternator & Electrical

Alternator Characteristics

- 100% Copper Windings
- Insulation Class H
- Winding Pitch 2/3
- Protection Rating IP23
- Self-excited SHUNT Excitation
- Voltage Regulation $\pm 1.0\%$
- AS440 A.V.R. Model

Design & Construction



Robust soundproof canopy design for noise reduction and weather protection.

Build Quality

Corrosion-resistant, Scratch-resistant, Waterproof Canopy, Dust-proof, High-quality Sheet Metal, Heavy-duty Base Frame

Operational Safety



Professional service support and easy-to-maintain components ensure long-term reliability.

Protection & Monitoring

- Low oil pressure shutdown
- High coolant temperature protection
- Over-speed protection
- Overvoltage & Overload protection
- Underspeed protection standard
- Real-time performance monitoring

Applications



Client: Canada Mining
Model & Units: 10.5KV 5YN
1000kw*8
Year: 2019
Country: Canada



Client: Syria oil field company
Model & Units: 1250kw * 8-
1000kw*8
Year: 2019
Country: Syria



Client: natural gas treatment station
Model & Units: 800kw*3
Year: 2019
Country: Uzbekistan



Proven performance in demanding environments including mining and oil fields worldwide.

Ideal For

Hospitals • Data Centers • Construction Sites • Manufacturing Plants • Banking Systems • Telecommunications • Mining Operations

Testing & Quality

Rigorous Pre-Delivery Inspection

Every unit undergoes a comprehensive 1-hour test before delivery, covering load levels of 25%, 50%, 75%, 100%, and 110%. Testing protocols include soundproof level assessment, frequency and voltage control verification, and full protection function checks to ensure compliance with international standards.

Logistics

Fuel Autonomy

8 hours

Transport Features

Crane Lifting Points, Forklift Pockets, Pull & Drag Capability