

440kW 550kVA Diesel Generator Set

This 440kW diesel generator set delivers 550kVA of power for various industrial and commercial needs. It is designed for long service life, easy maintenance, and smooth operation.



ADDITIONAL IMAGES



Overview

High-Performance Power Generation

This industrial-grade diesel generator set delivers a robust output of 440kW (550kVA), engineered for both prime and standby power applications. Designed for reliability and longevity, it features a strong cylinder block and an advanced fuel system that ensures full combustion and high operational efficiency. The unit is built for versatility, supporting both 50Hz and 60Hz frequencies, and includes comprehensive safety features like overspeed protection and rigorous load testing.

Key Performance Metrics

Performance Highlights

440 kW

Output Power

550 kVA

Capacity

720 A

Rated Current

50 Hz

Frequency

Technical Specifications

Electrical Data

Parameter	Value
Rated Voltage	400/230 V
Power Factor	0.8 (Lag)
Start-up Time	5-6 s
Phase	3-phase 4-wire
Excitation Mode	Brushless and self-exciting

Engine Details

Engine Core Data

Specification	Detail
Cycle	4 stroke
Cylinder Arrangement	6 in line
Displacement	18.9 L
Compression Ratio	14.5:1
Rated Speed	1500 r/min

Engine Systems

- Cooling: Forced water cooling
- Governor: Electronic
- Air Intake: Turbo, Water/Air Cooling
- Start Battery Voltage: 24V DC

Certifications & Standards

Certifications

ISO9001, ISO14001, GB/T2800

Standard Features

Standard Equipment

Main line circuit breaker • Radiator 50°C max • 24V charge alternator • Dry type air filter • Muffler • Absorber • Standard control panel