

400kW Silent Diesel Generator Set

This 400kW silent diesel generator set delivers robust and reliable power for continuous, prime, or standby applications. Featuring a heavy-duty diesel engine and high-efficiency alternator, it offers exceptional performance and fuel economy.



ADDITIONAL IMAGES



Overview

High-Performance Silent Power Solution

This 400kW silent diesel generator set is engineered for reliable prime and standby power applications in industrial and commercial environments. Featuring a robust 6-cylinder diesel engine and a high-efficiency brushless alternator, it delivers consistent energy output with advanced voltage regulation. The sound-attenuated enclosure ensures noise levels remain below 75dB at 7 meters, making it an ideal choice for noise-sensitive operational sites.

Performance Metrics

Key Performance Metrics

400 kW

Rated Power

500 kVA

Rated Power

720 A

Rated Current

50 Hz

Frequency

Fuel Consumption

207 g/kw.h

Engine Specifications

Engine Configuration

Feature	Specification
Cylinders	6
Displacement	13L
Bore x Stroke	130mm x 163mm
Cooling System	Water-cooled
Aspiration	Turbocharged

Operational Specs

- 1500 RPM Rated Speed
- Electronic Speed Regulation
- DC24V Electric Start
- 28L Lubricating Oil Capacity

Generator & Electrical

Electrical Characteristics

- 400/230V Rated Voltage
- Three-phase four-wire connection
- Brushless with AVR
- H-Class Insulation
- IP23 Protection Grade

Control & Monitoring

Control System Capabilities

Self-starting, Automatic Switching, Voltage Monitoring, Frequency Monitoring, Oil Pressure Protection, High Water Temp Alarm, Over-current Protection

Physical Dimensions

Physical Specs

5800 kg

Total Weight

75 dB

Noise Level (7m)