

200kW Silent Diesel Generator Set

This 200kW diesel generator set is engineered for dependable power in diverse settings. The soundproof enclosure reduces noise, making it suitable for urban environments.



ADDITIONAL IMAGES



Overview

High-Performance 200kW Silent Diesel Generator

This robust 200kW silent diesel generator set is engineered for reliable backup, prime, or continuous power supply in diverse industrial and commercial environments. Designed with a soundproof enclosure, it effectively minimizes noise pollution, making it an ideal solution for urban or noise-sensitive locations. The unit features an advanced automatic control system and comprehensive safety protections, ensuring efficient operation and durability for critical power requirements.

Performance Metrics

Rated Power

200 kW
Rated Power

250 kVA
Rated Power

Full Load Fuel Consumption

207 g/kw.h

Noise Level (at 7m)

75 dB

Electrical Specifications

Electrical Characteristics

Parameter	Value
Rated Voltage	400/230V
Rated Current	360A
Frequency	50Hz
Power Factor	0.8 (lag)
Phase Connection	Three-phase four-wire

Engine Specifications

Engine Technical Details

- Type: Four-stroke, waste gas turbine boost, direct injection
- Cooling: Forced closed-cycle water cooling with radiator
- Cylinder Configuration: Inline, 6 cylinders
- Displacement: 8.9L
- Speed: 1500 r/min
- Speed Regulation: Electronic
- Starting: DC24V Electric

Generator Specifications

Generator Protection & Build

Brushless, AVR Automatic Voltage Regulation, H-Class Insulation, IP23 Protection

Physical Dimensions

Physical Specs

3300 mm

Length

1300 mm

Width

1800 mm

Height

3100 KG

Total Weight

Control System

Control Panel Capabilities

- Automatic and manual start functions (15-50s adjustable)
- Automatic input and switching capabilities
- Real-time monitoring: Voltage, frequency, current, oil pressure, temperature
- Safety shutdowns: Over-speed, low oil pressure, high water temperature
- Electrical protections: Over/under voltage, over/under frequency, short-circuit protection

Accessories

Standard Accessories

Base Oil Tank • Muffler • Shock-absorbing pads • Battery & cables • Toolbox • Manuals & Certificate