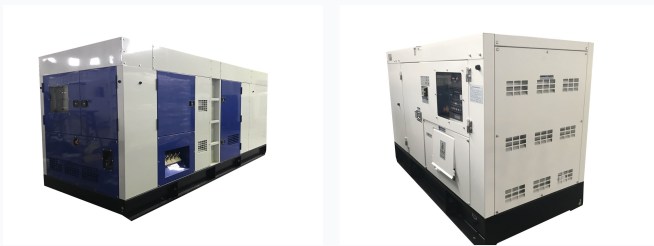


275kVA 220kW 50Hz Silent Diesel Generator

This 275kVA silent diesel generator delivers 220kW of power at 50Hz. Enclosed in a soundproof canopy, it ensures quiet operation for various industrial and commercial needs.



ADDITIONAL IMAGES



Overview



The generator is housed in a high-quality, weather-resistant soundproof canopy for quiet operation.

High-Performance Silent Power Solution

This 275kVA/220kW diesel generator is engineered for reliable standby and prime power in noise-sensitive environments. Featuring a robust silent canopy made of high-quality, corrosion-resistant sheet metal, it ensures high waterproof and dust-proof performance for outdoor use. Designed for versatility, the unit includes integrated crane and forklift points for easy transportation and a large fuel tank supporting over 8 hours of continuous operation.

Key Performance Metrics

Performance Highlights

275 kVA

Rated Capacity

220 kW

Rated Power

50 Hz

Frequency

8 hours

Fuel Autonomy

Engine Specifications

Engine Details

Parameter	Specification
Cylinders	6 / In-Line
Cycle	4-Stroke
Bore / Stroke	114 mm / 145 mm
Induction	TCA
Cooling Method	Water Cooled
Displacement	8.9 L
Compression Ratio	16.6:1
Governing Type	Electronic
Lubricant Capacity	27.6 L
Coolant Capacity	11.1 L

Alternator & Control

Electrical & Alternator

- 100% Copper Windings
- Insulation Class: H
- Voltage Regulation: $\pm 1.0\%$
- Protection Class: IP23
- Excitation System: Self-excited SHUNT
- Winding Pitch: 2/3
- Standard Underspeed Protection

Operational Features



Easy access panels allow for straightforward maintenance and terminal connections.

Protection & Control

Low Oil Pressure Protection, Overvoltage Protection, Overspeed Protection, Overload Protection, Short-circuit Protection, High Temperature Protection, RS232/RS485 Interface, Optional ATS Support

Physical & Environmental

Physical Characteristics

Type	Dimensions (L*W*H)	Weight
Open Set	2550 x 960 x 1630 mm	1850 kg
Soundproof Set	3530 x 1150 x 1900 mm	2550 kg

Noise Level (at 7m)

78 dBA

Applications

Recommended Industries

Hotels • Transportation • Municipal Construction • Factories • Medical Facilities • Communication Centers • Banking Systems • Mining & Oil Fields

Quality & Compliance

Standards & Certifications

ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007, CE Machinery Safety, Low Voltage Directive, EMC Compatibility, Outdoor Use 2005/88/EC

Pre-Delivery Testing

1-hour full load test at 25%, 50%, 75%, 100%, and 110% capacity.