

50kW 62.5kVA Diesel Generator Set

This diesel generator set delivers reliable power in diverse settings and is built for durable use. It features a robust engine and alternator, ensuring efficient performance.



ADDITIONAL IMAGES



Overview

Reliable 50kW Diesel Power Solution

This 50kW (62.5kVA) diesel generator set is engineered for high performance and durability across diverse operational environments. Featuring a robust 4-cylinder engine and a brushless alternator, it provides a stable 400V/230V power supply suitable for both continuous and standby applications. Its versatile design allows for configuration as an open, silent, soundproof, or trailer-mounted unit to meet specific site requirements.

Performance Metrics

Power Ratings

50 kW

Rated Power

62.5 kVA

Rated Apparent Power

55 kW

Standby Power

Technical Specifications

Model Identifier	DCH50S-3
Rated Voltage	400V / 230V
Frequency Support	50Hz, 60Hz

Engine & Alternator

Engine Specifications

Component	Detail
Engine Model	4BTA3.9-G2
Net Power	55kW
Fuel Consumption	215g/kw-h
Alternator Type	Brushless
Connection	3-phase, 4-wire

Construction Features



Detailed view of the 100% pure copper coil, excitation winding, and advanced control systems used in our generator sets.

Advanced Build Features

- 100% pure copper coil for maximum efficiency
- Excitation winding process
- Three-anti treatment with black glue for enhanced durability
- Box painting treatment for environmental protection
- Low noise cabinet design

Control System

Control Unit	Auto PLC Controller with Generator Detection
Safety & Automation	Automatic Transfer Switch, Deep Sea Control System, Real-time Detection

Applications

Recommended Applications

- Mines and Oil Fields
- Hospitals and Schools
- Construction Sites
- Ports and Hotels
- Commercial Buildings

Compliance



Our generators meet rigorous international standards, including CE and ISO certifications for quality and safety.

Quality Standards

CE Certified • ISO 9001 Quality Management • Occupational Health & Safety Certified