

# 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