

# 45KW Diesel Generator with Copper Wire

This 45KW diesel generator features 100% copper wire construction for enhanced efficiency. With a 56KVA capacity, it provides ample power for various applications.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency 45KW Diesel Power Solution

This 45KW diesel generator is engineered with 100% copper wire construction to ensure maximum conductivity, enhanced durability, and superior heat dissipation. Delivering a reliable 56KVA rated output, it is designed to serve as a high-performance power source for demanding industrial and commercial environments. The system features an integrated automatic control panel for seamless monitoring and operation, making it an ideal choice for both prime and standby power requirements.

## Performance Metrics

### Power Ratings

**45 kW**

Rated Power

**56 kVA**

Rated Capacity

**50 kW**

Standby Power

**63 kVA**

Standby Capacity

## Technical Specifications

### Electrical Configuration

Parameter	Value
Model	DCH45S-3
Rated Voltage	400V / 230V
Rated Frequency	50Hz / 60Hz
Connection	3-phase, 4-wire
Alternator Type	Brushless
Fuel Consumption	215g/kw-h

## Construction & Features

### Available Types

- Open Frame
- Silent / Soundproof
- Trailer Mounted
- Containerized

### Build Quality

100% Copper Wire, Brushless Alternator, Auto PLC Controller, Weather-Resistant Housing, Trailer Mounted

## Control System



### Control & Monitoring

- Automatic Generator Control Panel
- Auto Monitor Main Power
- Integrated PLC Controller
- Robust Internal Wiring

## Applications

### Recommended Applications

Mines • Construction Sites • Oil Fields • Hospitals • Schools • Ports • Hotels

## Logistics



### Global Distribution

The units are prepared for international transit through a standardized packing and shipping process. Logistics support includes factory-to-delivery tracking with capabilities for truck and air freight loading to ensure the equipment reaches the destination securely.