

# 60kVA 48kW Silent Diesel Generator

This silent-type diesel generator provides 60kVA (48kW) of power. It features a robust diesel engine enclosed in a soundproof canopy for quiet operation.



## ADDITIONAL IMAGES



## Overview

### High-Performance Silent Power Solution

This 60kVA silent diesel generator is designed to provide reliable, continuous electrical power with minimal noise impact. Featuring a robust water-cooled engine and a soundproof canopy, it is ideal for residential, commercial, and industrial environments where quiet operation is essential. The unit includes a comprehensive control system and integrated safety features to ensure stable performance and easy maintenance.

## Power Ratings

### Core Power Specifications

**60 kVA**

Prime Power

**48 kW**

Prime Power

**10 %**

Overload Capacity

## Technical Configuration

### Alternator Details

- Single bearing alternator
- Insulation Class H
- IP23 Protection rating

### Fuel System

- Steel base fuel tank
- 8-12 hours built-in capacity
- Flexible fuel lines
- Anti-vibration mounting

### Cooling System

Industrial water-cooled

## Control & Safety

### Safety & Protection

- 9 dB muffler exhaust system
- Emergency shutdown mechanisms
- Automatic Voltage Regulation (AVR)
- Low oil shutdown
- Overload protection

### Compatible Controllers

Smartgen, Deep Sea, ComAp

## Operating Conditions

### Max Ambient Temperature

40 °C

### Relative Humidity

90 %

## Quality & Testing

### Standard Testing Procedures

- Fuel tank pressure testing
- Bolt tightening torque testing
- Voltage bearing and insulation testing
- Noise level testing
- Load testing (25%, 50%, 75%, 100%, 110%)

## Service & Warranty

### Standard Warranty

1 year or 1000 running hours (whichever comes first)

### Standard Delivery Time

25 working days