

# 100kW Silent Diesel Generator Set

This 100kW diesel generator set delivers consistent power output. The sound-attenuated enclosure minimizes noise, making it suitable for noise-sensitive environments.



## ADDITIONAL IMAGES



## Overview

### Reliable Power Generation

This 100kW silent diesel generator set is engineered for consistent and dependable performance in both prime and standby power applications. Featuring a robust sound-attenuated enclosure, it operates quietly, making it suitable for noise-sensitive environments. The unit includes a comprehensive self-starting control panel for easy monitoring, automatic switching, and advanced safety protections.

## Performance Specifications

### Rated Power

**100 kW**  
Rated Power

**125 kVA**  
Apparent Power

Rated Voltage	400/230V
Rated Current	180 A
Noise Level (at 7m)	75 dB

## Engine Specifications

Engine Model	6BTAA5.9-G2
Engine Configuration	4-Stroke, Turbocharged, Direct Injection, 6-Cylinder, Inline
Displacement	5.9 L
Rotating Speed	1500 r/min

## Generator Specifications

Generator Type	Brushless (AVR)
Insulation Grade	H
Protection Grade	IP23

## Physical Dimensions

Dimensions (L x W x H)	2800 x 1100 x 1650 mm
Total Weight	2250 kg

## Control System

### Control Panel Features

- Self-starting functionality
- Manual/Auto modes (15-50s adjustable)
- Three-phase voltage, current, and frequency monitoring
- Oil pressure, temperature, and coolant monitoring
- Comprehensive alarms: over-speed, high water temp, low oil pressure
- Short-circuit and over-current protection