

# Diesel Generator KDE5500X3

This diesel generator is a robust and reliable power solution for various applications. It features a durable engine, providing efficient and stable power output.



## Overview

### Robust Power Solution

This diesel generator is a reliable power solution engineered for demanding environments such as construction sites and emergency backup scenarios. It features a single-cylinder, 4-stroke air-cooled engine designed for efficiency and stable performance. With its open-frame architecture and durable construction, this unit provides both portability and protection, ensuring consistent power delivery where it is needed most.

## Electrical Performance

### Key Electrical Metrics

**4.2 kW**

Rated Output (50Hz)

**5 kW**

Rated Output (60Hz)

**0.8 cos**

Power Factor

### Phase Configuration

Three phase

### Excitation Mode

Self-excitation and constant voltage (AVR)

## Engine Specifications

### Engine Configuration

- Single cylinder
- 4-stroke
- Air-cooled
- Direct injection

### Displacement

406 ml

### Compression Ratio

19:1

### Starting System

Recoil starter, Electric starter

## Physical Dimensions

### Physical Specifications

Attribute	Value
Dimensions (L*W*H)	720x492x650 mm
Dry Weight	100 kg
Structure	Open-frame

## Operational Details

### Safety Features

Low oil pressure alert

### Noise Level (@7m)

77 dB(A)

### Fuel Requirements

Light diesel oil (0# summer, -10# winter)

### Lubrication Oil

SAE10W30 (above CC grade)