

# KDE6500E Diesel Generator

This generator is a robust power solution suitable for various applications. It delivers reliable performance and efficient power generation thanks to its durable engine and user-friendly control panel.



## Overview

### Robust Power Solution

The KDE6500E is a reliable diesel generator engineered for consistent performance in demanding environments. Featuring a single-cylinder, 4-stroke air-cooled engine, it delivers stable power output suitable for various professional applications. The unit is built with a sturdy open-frame design for durability and includes an integrated low oil pressure alert system for enhanced operational safety.

## Performance Metrics

### Rated Output Power

**4.6 kW**

At 50Hz

**5.2 kW**

At 60Hz

### Rated Voltage

230V, 115V

### Noise Level (@7m)

77 dB(A)

## Technical Specifications

### Engine Specifications

Parameter	Value
Engine Model	KM186FAE
Displacement	418 ml
Compression Ratio	19:1
Rotation Speed	3000/3600 rpm

### Safety & Operational Features

- Low oil pressure alert system
- AVR (Automatic Voltage Regulation)
- Recoil starter system
- Clockwise rotation (flywheel view)

## Physical Characteristics

### Dimensions & Weight

**100 kg**

Dry Weight

**720 mm**

Length

**492 mm**

Width

**650 mm**

Height

### Structure Type

Open-frame

## Maintenance & Fuel

### Fuel Requirements

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

### Recommended Lubricant

SAE10W30 (above CC grade)