

# Diesel Power Generator

This diesel generator provides a reliable power supply for various applications. It features a durable frame, powerful engine, user-friendly control panel, and safety mechanisms for secure operation.



## Overview

### Reliable Power Solution

This diesel power generator is engineered for consistent performance in both residential and commercial settings. Featuring a robust open-frame design and a powerful 4-stroke air-cooled engine, it delivers stable power output even in demanding conditions. Equipped with essential safety features like a low oil pressure alert and automatic voltage regulation, this unit ensures secure and reliable operation for tools and equipment.

## Electrical Performance

### Key Performance Metrics

**5.2 kW**

Max Rated Output

**3600 rpm**

Rotation Speed

**77 dB(A)**

Max Noise Level

### Electrical Specifications

Parameter	Value
Rated Frequency	50 / 60 Hz
Rated Voltage	230V / 115V
Power Factor	1.0
Phase	Single phase
DC Output	12V 8.3A

## Engine Details

### Engine Specifications

- Model: KM186FAE
- Type: Single cylinder, 4-stroke, air-cooled, direct injection
- Displacement: 418 ml
- Compression Ratio: 19:1
- Starting System: Recoil starter
- Rotation Direction: Clockwise (view from flywheel)

## Physical Dimensions

### Physical Characteristics

- Dimensions: 720 x 492 x 650 mm
- Dry Weight: 100 kg
- Structure Type: Open-frame
- Coupling Mode: Transmission shaft rigid coupling

## Operational Requirements

### Maintenance & Fluids

0# Summer Diesel, -10# Winter Diesel, SAE10W30 Lube, Low Oil Alert Equipped