

# Diesel Power Generator

This diesel generator is engineered to deliver a consistent and reliable power supply across diverse applications. It features a resilient diesel engine, an electric start mechanism, and a sturdy frame, making it suitable for both residential and commercial settings.



## Overview

### Reliable Diesel Power Generation

This robust diesel power generator is engineered for consistent performance in demanding environments. Featuring a powerful KM186FE single-cylinder diesel engine with electric starting, it provides a stable power output suitable for diverse industrial and commercial applications. With an open-frame design, integrated AVR for voltage stability, and a 12-hour continuous runtime, this unit ensures reliable operation when and where you need it most.

## Electrical Performance

### Key Electrical Specs

<b>1.8 kW</b> Max Output Power	<b>160 A</b> Rated Welding Current	<b>240 V</b> Max Rated Voltage
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Phase Configuration	Single phase
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Power Factor	1
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## Welding Capabilities

### Welding Specifications

Parameter	Value
Welding Voltage (Zero Load)	65 V
Current Regulation Range	50~180 A
Load Continuous Ratio	40%

## Engine & Performance

### Engine Specifications

- Model: KM186FE
- Type: Single cylinder, 4-stroke, air-cooled, direct injection
- Displacement: 406 ml
- Compression Ratio: 19:1

### Safety Features

Low oil pressure alert system

Starting System	12V electric starter
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## Physical Dimensions

### Size & Weight

- Dimensions: 720 x 492 x 650 mm
- Dry Weight: 102 kg

### Frame Design

Open-frame type

## Operational Specs

### Fuel Tank Capacity

12.5 L

### Runtime at Rated Load

12 hours

### Noise Level (@7m)

74~77 dB(A)