

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

1.8 kW Max Output Power	160 A Rated Welding Current	240 V Max Rated Voltage
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Phase Configuration	Single phase
Power Factor	1

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)