

Diesel Generator for Power Generation

This diesel generator is designed for reliable power generation. It features a durable engine and a control panel with starter switch, oil alert, voltmeter, AC 230V outlet, AC switch, and DC 12V 8.3A output.



Overview

Professional Power Generation

The ZDG12000E is a high-performance diesel generator engineered for reliability in demanding environments. Featuring a robust, single-cylinder air-cooled engine and an electric starter system, it delivers consistent power for professional and industrial applications. Designed for efficiency, this unit provides a balanced output suitable for a variety of critical equipment needs.

Electrical Performance

Performance Metrics

7.5 KVA
Rated Output

8.3 KVA
Max Output

50 Hz
Frequency

Electrical Specifications

Parameter	Value
Rated Voltage	115/230V
Rated Current	65.2/32.6A
Max Current	72.2/36.1A

Engine Details

Engine Specifications

- Model: ZD1100FAE
- Type: Single Cylinder, Vertical, Four-stroke, Direct Injection
- Cooling System: Forced-air cooling
- Rotation Speed: 3000r/min

Engine Power Output	9.5 kw
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Operational Specs

Fuel Efficiency

16 L

Tank Capacity

315 g/kw.h

Fuel Consumption

Operational Limits

- Continuous Running Time: 6 hours
- Noise Level (at 7m): 90dB

Physical Dimensions

Dimensions and Weight

845 x 590 x 770 mm, 175 kg

Maintenance

Lubrication Requirements

Capacity: 2.2L, Oil Grade: SAE10W30, Alternative: CD Grade